

A Regular Meeting of the Durham County Board of Health, held

September 14, 2006, with the following members present:

William T. Small, Chairman, Robin Blanton, PE, Lorraine Salois-Deane,

MSPH, Ronald Spain, DDS, and William H. Burch, R.Ph.

Excused Absence: Philip McHugh, DVM, Sandra Peele, RN, Sue

McLaurin, M.Ed., PT, and Lewis Cheek, Esq.

CALL TO ORDER. Mr. Small, Chairman, called the Regular Meeting to order. No formal agenda items were added.

APPROVAL OF MINUTES. Ms. Salois-Deane made a motion to approve the minutes of July 13, 2006. Dr. Spain seconded the motion and the motion was approved.

BUDGET AMENDMENTS. The Health Director recommended formal approval of the following amendments.

- Recognize \$28,600 from N.C. Division of Public Health, Children and Youth Branch via Lincoln Community Health Center for contracted services with the Nutrition Division to conduct the new "Students Eating Smart and Moving More (SESAMM) program in Hillside High School Wellness Center. The SESAMM promotes physical activity and healthful nutrition for students and their families as well as promoting policies and an environment that supports healthier choices. The program will support additional nutrition staff time to work with a state team to implement the SESAMM program curriculum and data collection tools, conduct group sessions with student and staff, conduct teacher training, provide individual nutrition sessions with students, and participate in state training, conference calls and program evaluation. Funds are included for travel expenses, program materials including educational supplies, food for sampling and cooking demonstrations and incentives, such as pedometers, to reinforce healthy behaviors.
- Recognize \$40,000 grant from the Department of Health and Human Services for the Environmental Health Division in collaboration with the Durham Affordable Housing Coalition (DAHC). The Health Department will receive \$4,000 to support investigation and outreach efforts towards childhood lead poisoning prevention. The DAHC, under contract with the Health Department, will receive \$36,000 to support a Bilingual Housing Outreach Coordinator position, travel and training, supplies and contract services for design and translation of printed materials in their efforts towards childhood lead poisoning prevention for the Hispanic community.
- Recognize \$1,062 from the Department of Health and Human Services for the Environmental Health Division. Funds will be used to purchase supplies and equipment.

Moved, seconded and carried that the action [August 21, 2006] of the Chairman and Vice Chairman to approve and forward these budget amendments to the Board of County Commissioners be ratified.

AVIAN FLU UPDATE. Dr. Arlene Sena, Medical Director, said the Board previously visited this item at its January 26<sup>th</sup> meeting.

Dr. Sena said the update will include 1) bird cases and human cases occurring internationally, 2) national pandemic influenza planning, and 3) local planning efforts.

#### Avian Influenza Surveillance in US

- Monitoring of wild birds for H5N1 began in Alaska in 2006.
- The USDA has expanded this early detection system to all 50 states.
- H5N1 virus has been detected in wild ducks in Maryland and Pennsylvania, but is the low pathogenic avian influenza.

#### Cumulative # of Confirmed Human Cases of Avian Influenza

- Total of 244 cases reported to World Health Organization since 2003 from 10 countries (Azerbaijan, Cambodia, China, Djibouti, Egypt, Indonesia, Iraq, Thailand, Turkey, Vietnam) [Underlined countries began reporting in 2006.]
- 143 deaths (59% fatality)

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Pandemic Influenza Plans

- World Health Organization Global Influenza Preparedness Plan (2005)
- Health and Human Services Pandemic Influenza (November 2005)
- North Carolina Pandemic Influenza Response Plan (October 2004; Updated January 2006)
- National Strategy for Pandemic Influenza Implementation Plan (Homeland Security, May 2006)

Emergency Planning Across Levels of Government (Federal, State, Local)

- Recommendation is that Pandemic Flu plans incorporate General All Hazards Planning that covers Natural Disasters.

Advances in National Preparedness

- Vaccine development
  - Vaccines for avian influenza using clade 1 viruses (Vietnam 2004) are in clinical trials.
  - Avian flu vaccines have been shown to be protective in animal studies.
  - Federal dollars are being invested in cell-based vaccine methods.
- Antiviral medications
  - Progress has been made in developing national stockpile.
  - 77% of this stockpile for treatment will be allocated to states.

Local Planning Efforts

- DCHD Pandemic Influenza Response Plan – June 2005, revising Fall 2006
- Durham County Pandemic Influenza Planning Group Meetings – since November 2005
- Duke Medicine Emergency Preparedness Steering Committee – July 2006
  
- Plans for Durham County Tabletop Exercise – January 2007.

Dr. Sena said the Planning Groups continue to grow and meet on a monthly basis.

- Durham County Emergency Management
- Durham County Emergency Medical Services
- Durham County Fire Marshal's Office
- Durham County Sheriff's Office, Durham City Police, Durham County Jail
- Durham Public Schools
- American Red Cross
- Food Bank of North Carolina
- Duke University Health System
- Durham VA Medical Center
- Durham County Public Information Office
- Durham Center
- Durham County Department of Social Services
- North Carolina Funeral Association

Pandemic Flu presentations, fact sheets, guides, etc. are ongoing to provide education to the public for preparing for emergencies.

The Medical Director said the Planning Groups have Subcommittees, chaired by various County Departments. The Subcommittees continue to work to accomplish their identified objectives so as to adequately prepare Durham County to respond to Pandemic Flu or a natural disaster.

Funding

- Federal funding for N. C. - \$2 million with approximately \$980,000 as direct aid-to-counties
- Phase 1 - \$13,175 for Durham County

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- Communications
- Supplies for exercises
- Training
- Antiviral purchases now prohibited
- Phase 2 – September 2006 – approximately \$13,000

#### Challenges

- Identifying volunteer medical and support personnel for mass clinics.
- Educating and involving private clinics and businesses in pandemic flu preparedness.
- Promoting pandemic flu planning that involves all County departments.
  - Designation of all County personnel as essential personnel in a pandemic influenza response.
  - Development of a plan for reassignment or deployment of staff from other departments to assist public health.

Mr. Burch asked if the pod [Stockpile] contains vaccine how far in advance for the vaccine to be effective do you need to receive it.

Dr. Sena responded approximately two weeks lead-time to develop immunity. She said this is a new virus type that would require two doses.

Mr. Letourneau said the development of the vaccine is not within our control and is a slow process. The developers are trying to expedite the process by changing the technology to cell based rather than egg based vaccine.

Dr. Sena said the primary focus is the concept of control measures and community containment, so actually it seems as though vaccines is going to be a component of a way to control the spread if influenza in a pandemic but there is going to be a lag time.

The Medical Director said if it is a new virus and it has somehow mutated to a different type than the vaccines that are currently in development, then it could take up to 4 to 6 months to have any vaccine available. An antiviral is just not enough for treatment and certainly not enough for prophylaxis.

The Chairman said then he would suppose there would be a strong quarantine component.

Mr. Burch asked if the pharmacies have been included in planning for distribution of vaccine or Tamiflu.

Dr. Sena said our pharmacist and Public Health Regional Surveillance Team pharmacist have been involved in the planning.

Mr. Burch said there is a need to include pharmacies, the best distribution system of medications in the country, and to educate the pharmacists. He said they would need to hear the Pandemic Influenza planning information and he intends to get them involved.

Mr. Burch said in regard to food distribution, the N.C. Baptist Men can have mobile kitchens in place to provide mass feeding for 23,000 people in one day.

Dr. Sena reported that the Food Bank of Durham has partnered with various agencies but the Subcommittee would certainly embrace the participation of more faith-based organizations.

Mr. Letourneau said the County's position is it will not be the conduit for food distribution to the general population but limited to the special needs population, and persons in isolation and quarantine. He said it is not practical to plan for providing food services to the entire population.

The Board thanked Dr. Sena for a very interesting and informative update.

LEAD UPDATE. Mr. Robert Brown, RSS, RS, Environmental Health Director, presented this item via PowerPoint presentation.

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Mr. Brown said the Board is very familiar with different issues going on within the County. The mercury incident which occurred was more of an acute type of problem that had to be handled immediately.

Behind the scenes and at the same time, the Department was becoming aware of the problem of lead in the drinking water. This finding is a little confusing to the public, because it is more of a problem with lead in homes or structures with particular types of plumbing.

He said that most health professionals have some knowledge of the health effects of chronic lead poisoning. The big problem is with children whose bodies are developing and growing rapidly and sometimes the lead is absorbed into the bones and it is very difficult to remove. Lead poisoning can result in learning difficulties, delayed physical development, and behavioral problems. And, chronically it can cause mental retardation and many of these effects are irreversible.

In adults, lead poisoning can also cause similar problems although it takes a much larger dose. Adults are not affected the same way but it can cause impairment of hearing, vision, muscle coordination, and damage to some organs in the body.

Mr. Brown reported that initially a child was reported to the Environmental Health Division with lead poisoning. The child had a blood lead level that required immediate investigation. He said Mr. Marc Meyer, RS, Lead Program Specialist, conducted an investigation.

He reported that the only potential lead source that was identified was the tap water which is very unusual.

Mr. Brown said testing at the Penrith Apartments complex that is on city water began shortly after the case of lead poisoning was documented in the child that formerly lived at the complex. Since that time, tap water from a total of 53 units was analyzed and 12 had lead levels above the EPA action level of 15. Nineteen additional pre-1986 homes within one half mile of the Penrith Apartments were sampled and 11 of those tested above the action level. These samples were "first draw," meaning that the samples were taken after water had stood in the plumbing overnight. However, 5-minute flush samples at the 11 homes were below the action level. In June and July, 103 random pre-1986 homes in Durham were sampled and 8 of those came back above the 15 ppb action level for lead.

A news conference was held on July 21, 2006 to update the public. Mr. Brian Letourneau, Health Director, Michael Adcock, City Water Management, and Dr. Jeffrey Engel, Chief Epidemiologist, N. C. Department of Public Health, answered questions from the media.

A Durham Public Schools Water Fountain and Cafeteria Faucet Study was initiated and coordinated by the Environmental Health Division in August. Durham Public Schools identified one high traffic water fountain and one kitchen faucet at 26 pre-1990 schools.

The Environmental Health Division collected first draw and 5-minute flush samples at each location for a total of 111 samples. One water fountain and two kitchen faucets tested above the action level. All flush samples were below the action level. As a precaution the Durham Public School System sampled all water fountains at the subject schools and found 15 water fountains to be above the 15 ppb level. These fountains have been shut down pending further investigation. The kitchen faucets will be flushed each morning prior to using water for cooking or drinking.

Again, customers are advised to take several basic precautions to reduce potential lead exposure. This includes first obtaining a water sample to determine if there is a risk. If a risk is present, always flush pipes for up to three minutes before drinking or using water for cooking if the water has not been used for more than six hours. This is especially important if you have been away on vacation. Never use hot water for cooking or drinking purposes and periodically clean or replace the aerator or strainer on your kitchen faucet as the screen can trap small pieces of plumbing debris.

Mr. Brown responded to questions from the Board.

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CHILD FATALITY PROTECTION TEAM ANNUAL REPORT: 2006. Ms. Sue Guptill, Director of Nursing and Co-Chair of Child Fatality Prevention Team shared the report via PowerPoint presentation.

The information is gathered from 2004 case reviews of Durham residents 18 years-of-age or younger. [The third quarter fatalities for 2005 are now being reviewed.]

She reported a most significant finding in the 2002-2004 comparison is the deaths in the 13-18 years-of-age group. There was 0% in 2002, the percentage rose in 2003 and it held in 2004. The causes of death from accidents and homicides in the same age group are beginning to look like a trend.

The age comparison of Durham death rates to N. C. death rates shows a higher percentage of teenage deaths than the State. She said the Team agrees that one identifier for homicide deaths has been substance abuse in the family. This is a big concern and the Team will discuss interventions.

The Chairman thanked Ms. Guptill for the information.

SEPTEMBER - NATIONAL ALCOHOL AND DRUG ADDICTION RECOVERY MONTH. Ms. Gayle Harris said it is known that one of the issues impacting those seeking treatment for substance abuse is the stigma that surrounds it. The objective is to move the community to a recovery culture, that is, recognize substance abuse as a chronic disease and to get the individual into treatment and on medication.

She extended an invitation to the Board to attend a Recovery Celebration Block Party on Thursday, September 28, from 3:00 p.m. until 7:00 p.m. at Urban Ministries, 410 Liberty Street. [September is National Alcohol & Drug Recovery Month.]

She said the Partnership for a Healthier Durham's Subcommittee for Substance Abuse working collaboratively with The Durham Center and N. C. Council of Alcohol and Drug Addiction will sponsor the event. There will be food, music, entertainment for all ages and inspiring stories of recovery and it's all free [everyone is invited].

HUMAN SERVICES COMPLEX UPDATE. Ms. Gayle Harris, Assistant Health Director, presented this item.

Ms. Harris said The Freelon Group/Architects met with the County Manager and the Board of County Commissioners to present a redesign of the front of the proposed Human Services Complex. The Commissioners embraced the changes in the color of the building materials and the design changes to the front that includes a monumental wall at the building's main entrance. The message for the wall has not yet been determined.

The Historic Preservation Society of Durham provided information to the Commissioners that the building is designated as a historic site but defined as a non-contributing entity. The Society gave its permission to raze the building.

She said on August 22 and 23, there were approximately twenty-three people from the Durham project who flew to Johnson County, Missouri, to visit a Gold Certification building in progress that has many of the same sustainable features that are designed for the proposed complex.

Ms. Harris provided the Board an overall description of the building that the group visited. She said it was a very good experience.

The Health Director said he was very impressed with what he saw as an enjoyable work environment.

Ms. Harris and Mr. Letourneau responded to question from the Board regarding the visit.

Ms. Harris reported that a more detailed planning effort is now underway for the Human Services Complex countywide planning space. The countywide space is an integral part of the complex and should accommodate 400/500 stadium seating and 200/250 seating for a catered event. In the event of a disaster, this space will be powered by a generator and house a

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command center and also serve as a distribution site for the Department of Social Services to administer assistance in providing food stamps, vouchers, etc.

She said the Leadership Team meetings will be held next week with the Design Team to finalize plans for their program work areas. Meetings are scheduled with Durham County Information Technology and General Services Departments to review wiring plans for computers, etc. and other electrical services for the complex.

The Chairman thanked Ms. Harris for the update.

HEALTH DIRECTOR REPORT – SEPTEMBER 2006

Mr. Letourneau said the 2005 North Carolina Infant Mortality Report has been received and copies were provided to the Board.

Durham County saw a decline from the previous year from a death rate of 6.8 to 5.9 per 1,000 live births. He said this is a good decline compared with the State and other metropolitan areas within the State. The concern remains regarding the disparity between the white and the minority infant deaths. "The Health Smiles Healthy Kids" program should help to reduce the County's infant mortality death rates even more.

The Director said it is no small measure due to the work of the staff. In addition, the community and the affiliation with Duke have paid big dividends and the Department looks forward to continuing that relationship with Duke OB and perhaps increasing their involvement through contractual measures.

GENERAL HEALTH SERVICES CLINIC  
BCCCP/Adult Health Screening Program

- 13 women in July and 29 women in August were screened in the BCCCP Program
- 331 women in July and 347 women in August were screened for domestic violence

Communicable Diseases Screening

- 353 persons in July and 388 persons in August were screened in STD Clinic
- 459 persons in July and 492 persons in August were screened for HIV: (274 tested in July and 316 tested in August at Durham County Health Department; 139 tested in July and 176 tested in August at Lincoln Community Health Center; 46 tested in July and 0 tested in August through community outreach). There were 7 positive tests in July and 3 positive tests in August.

Reportable Diseases (Other than STDs)	July	August	
• Hepatitis A:	1	0	
• Hepatitis B, Acute:	2	0	
• Hepatitis B, Carrier:	*0	*0	
• Rabies Bite Investigations:	3	0	
• Tuberculosis Cases:		0	2
• Campylobacter:		3	8
• Salmonellosis:		3	8
• Shigella:		0	0
• E. Coli 0157:H7:		0	1
• Cryptosporidiosis:		0	1
• Pertussis:		0	0
• Rocky Mountain Spotted Fever:		3	5
• Lyme Disease:		0	0
• Ehrlichiosis:	2	1	
• Hemolytic Uremic Syndrome:		0	0
• Meningitis (Bacteria):		0	0
• Streptococcal Infection, Group A:	0	0	
• Malaria:		0	0
• Dengue:		0	0
• Other Foodborne Disease:		1	0

\*Note: As we receive lab reports of HBV carriers sent (forwarded) to us by the state, these do not represent new cases necessarily. They are often known carriers of some duration never reported initially by patient's physicians.

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### Outbreaks

Communicable Disease staff met with TROSA on August 3, 2006 about a cluster of community-acquired methicillin resistant Staphylococcus aureus (CA-MRSA) skin infections that had been occurring among residents of their substance abuse program in the past 6 months. Twelve residents were noted to fulfill the case definition for CA-MRSA. Appropriate management and infection control measures were discussed with TROSA staff and recommended to their medical providers in order to decrease further transmission of this emerging infection.

### Immunizations

Immunizations given: 483 in July and 925 in August

### Pharmacy

Prescriptions filled: 1,610 in July and 2,097 in August

### Laboratory

Tests performed: 3,820 in July and 5,043 in August

### Activities of Staff

- Earline Parker, RN, TB Clinic has begun her training in STD Clinic as a clinician two days a week.
- Jeanne Block, RN, TB Clinic has begun to report and investigate hepatitis B cases.
- Heather Bailey, PHN I, has joined the TB staff in July and Julia Crim, PHN I, in August. They will be cross-trained to assist in the Immunization Clinic.
- Ponice Moore, RN, assisted in the STD Clinic in August with interviewing clients for the medical providers.
- Diana Coates, RN, and Mary Hoose, RN, attended a net conference on July 7 on Human Papillomavirus and the new vaccine Gardasil.
- Diana Coates, RN, Mary Hoose, RN, and Robin Godwin-Livingstone, RN, attended a meeting with the Merck representative on Rotateq (the new Rotavirus vaccine) on July 13.
- Diana Coates, RN, investigated two hepatitis A cases and one suspected mumps case. Twenty-two doses of immune globulin administered to contacts. Three hepatitis A contacts working in a foodservice were tested.
- Cedar Eagle hosted an HIV Testing and Counseling site visit from the State on July 20.
- Nancy Skaletsky, Local Public Health Preparedness Coordinator:
  - ✓ Revised the Durham County Strategic National Stockpile Plan
  - ✓ Participated in the After Action Meeting regarding the Mercury incident
  - ✓ Continues to assist in planning and coordination of the Pandemic Influenza Group Meeting.
- Arlene Sena, MD, provided an interview and discussed pandemic influenza preparedness at the Durham County TV show in July.
- Arlene Sena, MD, gave a presentation to graduate students at the UNC School of Public Health regarding the Durham County Health Department on August 30.

### HEALTH EDUCATION DIVISION

- Renee Parks-Bryant joined the Communicable Disease Team at the beginning of July, transferring from the Health Promotion and Wellness Team. Ms. Parks-Bryant's primary role will continue to be educating prenatal clients as a Lamaze educator. Ms. Parks-Bryant had previously been trained in HIV Counseling and Testing, and is updating her skills by observing counseling sessions. She also has signed up for the phlebotomy training in early October.
- Monica Johnson has been accepted into the Lamaze Educator Training Program. She will receive mentoring by Ms. Parks-Bryant, as well as formal Lamaze educator training. She hopes to create prenatal classes just for pregnant teens, and work with them to learn healthy behaviors for good outcomes in pregnancy and responsible parenting. She will also be able to provide back-up for Ms. Parks-Bryant as necessary.
- Selena Monk participated in a radio broadcast for the Richard Brown show in Carrboro, N.C. to discuss HIV and STD related issues affecting the African-American community.
- Selena Monk, Monica Johnson, and Mary DeCoster attended a Syphilis Elimination Program Quarterly Coordinator statewide meeting and Rapid Intervention Outreach Team (RIOT) training. This type of rapid outbreak response can be useful for other types of outbreaks in addition to sexually transmitted diseases.

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- Monica Johnson, Selena Monk, Mary DeCoster, and Tim Moore attended the VOICES Training, provided by Caressa White from the Wake County Health Department. VOICES is an evidence based intervention that the CDC has encouraged health departments to adopt. Project StraighTalk has begun implementing VOICES in community settings, and will explore the possibility of offering VOICES in the DCHD as well. It is a video-based intervention that can be provided in English or Spanish that has been demonstrated to increase safer sex practices and reduce incidence of sexually transmitted diseases among participants. Tim Moore has begun providing VOICES trainings in the community, and Mary DeCoster has scheduled a session in Spanish for this fall.
- Monica Johnson, Selena Monk, and Mary DeCoster, in partnership with the neighborhood nurses, provided HIV and syphilis testing event at Fayette Place. Fourteen people were tested for HIV and Syphilis. They also provided HIV and Syphilis counseling and testing at the Health Fiesta with assistance from Maxie Mackalo, a senior disease intervention specialist, and several volunteers. Thirty-two people were tested for HIV and syphilis.
- Mary DeCoster attended a training-of-trainers session for Peer Educator Training Sites (PETS). This training is provided to HIV positive individuals who wish to offer peer support and education to newly diagnosed individuals. Duke Partners in Caring, Piedmont Consortium, and the Durham County Health Department staff collaborate to provide this training.
- Renee Parks-Bryant and the PEACE team members participated in the Union Baptist Church health committee planning meeting. This collaboration will assist the PEACE project in meeting its goal in working with eight African-American churches to plan and implement health and wellness activities.
- Monica Johnson, Selena Monk, and Tim Moore attended the NC HIV/AIDS Summit in Greensboro, North Carolina. The opening keynote speaker was Rev. Dr. William J. Barber II, the N. C. President for the National Association for the Advancement of Colored People (NAACP). The summit included several sessions to address the barriers associated with HIV/AIDS prevention and care services for communities of color.
- Monica Johnson and Renee Parks-Bryant attended an informational session on health advisors for patients with advanced cancer. The project is called "On Our Terms." The primary purpose of the study is to design and test Health Advisor training to enhance access to care for pain and suffering experienced by African-American patients with advanced cancer and other serious illnesses.
- Monica Johnson, Donna Rosser, Annette Carrington, and other DCAPP members attended a session on "Abstinence versus Comprehensive Sex Education" at Hillside High School. Mr. Kwain Bryant from Empowerment Exchange spoke on how to handle difficult questions, keep the students on track, and demonstrated different activities that will get the students involved.
- Selena Monk and Monica Johnson participated in a panel discussion and provided communicable disease information and sexually transmitted disease prevention methods at the Operation Breakthrough staff training and also conducted a home talk party for residents at Damar Court Apartments.
- Timothy Moore and Mary DeCoster, with assistance from Sebastian Battle at Project Style, began a support group for AIDS Community Residence Association (ACRA) residents.
- Stacy Mann and Joanie Ross implemented Fresh Start the American Cancer Society Smoking Cessation Program. This 5-sessions program was held at the American Tobacco YMCA.
- Joanie Ross and a Sheriff's Office Deputy held a domestic violence program for residents of Oxford Manor Housing Development. Joanie also held a domestic violence program at Bethlehem Temple. The program was offered to Durham's homeless people for the first time. Program participants were bussed to the church from the shelter and food was provided by the church.
- Joanie and members of the Gun Safety Team provided gun safety information for children at two childcare centers in Durham. Educational materials were also provided to the children's parents. Gun Safety education was also provided to the staff of Operation Breakthrough. Many gunlocks were given away at this time.
- Stacy Mann participated in North Carolina Central University's two-day Blood Drive and Health/Wellness Fair providing information and educational materials on Eating Smart and Moving More.
- Stacy Mann participated in the Washington Duke Inn and Golf Club's Health and Benefits Fair. Ms. Mann used a body fat analyzer to perform body composition measurements for over 35 employees. She also provided information and educational materials on physical activity and eating healthy.

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- Sarah Covington and Mary DeCoster worked with the Duke Health Inequalities Program to submit a grant proposal to the Office of Women's Health at the U.S. Department of Health and Human Services. The proposed program is "Intergenerational Approaches to HIV/AIDS Prevention Education with African-American Women Across the Lifespan"
- The Lead Education and Assessment Team, the Communicable Disease Team, and the Health Promotion Team participated in El Centro Hispano's Health Fair on July 22 at Hillside High School. A total of 31 children were screened for lead at the Fair.
- Sarah Covington worked with all six committees of the Partnership for a Healthy Durham to send a proposal to the editors of the Durham Herald-Sun for a monthly column on access to care issues in Durham. The proposal was accepted and the Partnership's columns will run monthly on the second Thursday of the month in the Healthy Living section.
- Sarah Covington and the Substance Abuse Committee of the Partnership for a Healthy Durham completed a 500-person survey of Durham residents about perceptions of substance abuse and mental health problems in Durham. The Duke Center for Child and Family Policy is analyzing the results.
- The Partnership for a Healthy Durham convened leaders and advocates in the mental health field to create a Mental Health Committee within the Partnership. This will be the seventh issue-oriented committee of the Partnership, in addition to the People's Clearinghouse (for engaging "minorities"), the Technical Assistance Committee (which does research), and the Steering Committee.
- The Substance Abuse Committee of the Partnership for a Healthy Durham is participating in the planning of National Recovery Month in Durham. Specifically, the committee has taken on the task of organizing speakers, performers, and exhibits for the Recovery Celebration scheduled on September 28.
- Sarah Covington has begun working towards the 2007 Community Health Assessment that the Partnership for a Healthy Durham must provide. She has convened a Technical Assistance Committee to oversee the process. The committees of the Partnership are giving their input about qualitative and survey questions to ask Durham residents. She has recruited students from UNC, Duke, and NCCU to participate in data gathering. She contacted the University of New Hampshire to inquire whether it would provide an update of their 2003 telephone survey of Durham's African-Americans and Latinos. She is currently seeking grant funding to support the process.
- Lakieta Beck and Kim Bailey conducted lead screenings at the following sites: Tender-Loving Daycare, Precious Moments, Bragtown Daycare, Triangle Daycare, Royal Kids, Kinder Care Learning Center, Wonder Years Academy, Little Angels Daycare, and Little Hearts Child Care.

COMMUNITY HEALTH DIVISION

Women's and Children's Health:

Family Planning

- There were 474 physical exams performed in Family Planning Clinic in July and August. This compares to 447 exams performed in the same months last year.
- Traditionally, health departments all over the country have purchased their birth control pills at a greatly reduced price from Ortho-McNeil Pharmaceutical. In July, Ortho announced that they were raising their prices on all but one of their popular birth control pills. A pack of birth control pills that could have been purchased for \$1.62 in June was sold for \$18.56 in July. After much discussion with state and federal advocates for women's health and lots of bad press, Ortho decided to lower its prices on many of its birth control pills for public health service eligible clinics to \$3.20 a pack. While the Family Planning Clinic will be paying more for birth control pills than in the past, it could have been much worse.
- Erlene Harvin, Human Services Coordinator, and Wanda Thompson, Women's Health Nurse Practitioner conducted an outreach to a local church. Erlene spoke to 18 teens on topics related to sexual health, and Wanda spoke to 8 parents on how to talk to their teens about sex.
- Federal Title X reviewers, along with State Women's Health officials, visited the Family Planning Clinic on July 18. They looked at medical protocols, financial policies, patient charts, and actually followed several patients through their clinic visits. The written report has not yet arrived, but the exit interview was very positive, especially the clinical aspects of their review.

Maternal Health

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- There were 819 clinic visits in July and 970 in August. The August total is the most clinic visits ever recorded in the Maternity Clinic. Staff is working harder than ever, and more help is needed.
- There are ongoing discussions with Lincoln Community Health Center's administration and medical records department regarding the medical records for maternal health patients. Lincoln is transitioning to electronic medical records, and had hoped that OB Trace Vue (the Duke owned electronic documentation system that our Maternity Clinic has used for several years) would meet all documentation and records management needs for Maternity clinic. Unfortunately, OB TraceVue is not configured to replace paper charting, and some paper records must still be maintained. This is a complex issue that requires cooperation among DCHD, LCHC, and Duke.

### Child Health

- State Child Health Consultant Felicia Mosley-Williams visited the Health Department on July 13 to familiarize herself with the child health programs offered here.
- Norma Hodge, Lead Nurse Consultant, helped to expose unscrupulous sales representatives who were selling water purification systems door to door. The salesmen indicated that they were from the Health Department or had the backing of the Health Department, and that the devices were needed to protect the residents from lead exposure. None of these claims by the sales representatives were true. Ms. Hodge alerted the apartment manager and the Health Department. Durham County Sheriff's Department and the State Attorney General's office became involved in the investigation to protect and advocate for residents of the area.
- Two registered nurses resigned from the Child Service Coordination (CSC) program in July to enter graduate school. One of these nurses was Spanish-speaking, and her loss has resulted in much greater use of interpreter time. CSC now has 2.8 nursing vacancies. All vacant positions are being advertised.
- The number of referrals to CSC has increased because the CDSA has started using new stricter referral and eligibility criteria. Fewer children qualify for services through the CDSA, and are therefore appropriate to be CSC clients.

### School and Adult Health

- Ten-month School Health staff returned to work on August 14 in preparation for the beginning of school the following week.
- The new Child and Family Support Team (CFST) project got under way with the beginning of the school year. This project focuses on using a team approach to support children and youth to become successful in school. The target population is students who have been identified by counselors or teachers as having risk factors that are associated with school performance difficulties. This project is collaboration between DCHD, Durham Public Schools, the Department of Social Services, and The Durham Center.
- Of the 7 positions allotted to Durham County Health Department for CFST, 5 were filled by the end of August. Because this is a new program, these staff members will be participating in state and local trainings, in numerous networking and planning activities.
- At the start of the school year, there were 5 FTE vacancies in School Health.

### Home Health

- The Home Health Supervisor, Adult and School Health Program Manager, and Director of Nursing met with management staff at the Department of Social Services to discuss home and health care issues for segments of the older population of the county. The two specific needs identified were for more In-Home Aid service to DSS clients (particularly those who live outside of the city of Durham) and monitoring diabetic status and diabetic care for residents of Assisted Living Homes and similar facilities. The two agencies will be doing a more formal need and interest assessment and a cost analysis for addressing these issues.

### Jail Health

- During July and August there were 8 inmates sent to the ER, and 4 inmates admitted to the hospital.
- The Average Daily Population (ADP) in the jail remains high (582 in July and 611 in August). The average for FY 05-06 was 548.8, compared to 502.9 in the preceding year.

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- The most prevalent chronic diseases among inmates during this time period continued to be hypertension/heart disease and diabetes.

### DENTAL DIVISION

#### Dental Clinic

- Trudy Garcia-Travers was hired as a Dental Assistant I Trainee. She is in the process of receiving on-the-job training. She is already an asset to the clinic because she is bilingual.
- The Healthy Smiles, Healthy Kids (HSHK) program started in July. OB patients from the Health Department's clinic are receiving cleaning and preventative dental services. Contract dentists through DenTemps, a supplemental staffing agency, are being used until the full-time dentist starts in October. Internal candidates were selected to fill the Processing Assistant III and Hygienist positions. The Interpreter and Dental Assistant II positions are in the recruitment process.
- Dr. Vann and four 4<sup>th</sup> year dental students from UNC School of Dentistry come on-site one day a week to treat patients. Hopefully, this clinical experience will attract graduating dentist to Public Health.

#### Dental Van

- A separate cost center was established for the Dental Van Program.
- Dr. Janna Day was hired into the Dentist I position effective July 24. She has many years of experience in dentistry. During the last three years, she worked with the mobile dental program at Pitt County Health Department. She will oversee the complete operation of this program and will report directly to the Assistant Health Director.

### NUTRITION DIVISION

#### Communications and Health Promotion Team

#### Dental Nutrition Project

- Conducted interviews with groups of clients on desired incentives
- Developed promotional materials and appointment cards
- Assisted in the recruitment of pregnant clients for new dental services
- Submitted grant proposal for a \$5,000 Ann Wolfe Mini-Grant to further support dental education project.

#### Emergency Preparedness

- Presented refresher class on food safety in Disaster Relief for Durham's American Red Cross staff and volunteers.
- For disaster preparedness, developed sample menus for one-week using stored foods.

#### Health Promotion

- Reached 357 Durham residents at presentations and health fairs with El Centro Hispano, Holt Elementary School, Durham County Department of Social Services, NCCU Blood Drive, and Operation Breakthrough Head Start.
- Participated in planning and promoting a Health Expo for County employees to be conducted with the annual County Benefits Fair.
- Organized series of nutrition classes for Durham County Emergency Medical Services staff requested by EMS and the County Risk Management office.

#### Winner's Circle

- Certified an additional restaurant for participation in the Winner's Circle program.
- Worked with vendor to increase the number of healthier snack choices in the Health Department vending machines.
- Invited to speak on restaurant recruitment strategies at the NC Prevention Partners Annual Training Meeting in September.

#### Media

- Provided resources and interviewed for an article on better breakfasts for children published in Durham Skywriter magazine.
- Other
- Assisted in the development and dissemination of publicity regarding the Build Strong Bones Health Fair.
- Assisted with Spanish translations for clinical appointment cards, child care flyer, and DCHD home sheltering flyer.
- Attended training, "Working with People Recovering from Addiction".

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Community Nutrition Team

DINE for LIFE Program Outcomes/Impact for FY-06

Nutrition or Activity Changes Reported by Elementary/Middle School Students

- 42% increase in elementary students identifying skim milk as best for their body.
- 30% increase in elementary students correctly identifying a picture of a "whole grain food".
- 26% increase in elementary students correctly identifying 60 minutes as the target to be active every day.
- 31% increase in middle school students who correctly named a fruit high in Vitamin C following nutrition classes.
- 38% increase in middle school students who correctly answered a food safety question.

Nutrition or Activity Changes in Students Reported by Teachers

- Eating more fruits and vegetables
- Drinking more water
- More willing to try new foods
- Can place foods in the correct food groups
- Improved hand washing behavior
- Reading more labels
- Understand the importance of physical activity
- Choosing salads/healthier foods at lunch
- Choosing lower fat milk.

Community Outcomes/Impact

- Alive! Newsletters were sent to 10,500 food stamp households in Durham County in August.
- 80% of Alive! Newsletter readers completing a survey reported making or were planning to make nutrition and physical activity changes.
- 80% of the time (on average) Alive! readers correctly chose a healthy food over an unhealthy option.
- 90% of seniors and 100% community members surveyed reported they learned something new by attending a DINE for LIFE program.

Kickoff Planned for Year-Long Focus on Calcium

The DINE for LIFE program will kick off its "Build Strong Bones Fair" at Lakewood Elementary School on Thursday, September 28, 2006 from 9:15 to 1:15 leading to a year-long focus on calcium and nutrition in schools and the community. Partners include Healthy Kids, Healthy Communities, The Durham Farmers' Market, SEEDS, Durham Public Schools Child Nutrition Services, and Durham County Health Department Health Education Division. Donors include: SUDIA (Southeast United Dairy Industry Association), Lowes Foods, Weaver Street Market, Be Active NC, & Cabot Cheese. An extensive list of invited guests includes legislative staff, Durham County Commissioners, Board of Health, and Durham School Board, and media contacts, among others.

Clinical Nutrition Team

Students Eating Smart Moving More (SESAMM) Project

Renewed contract with Lincoln Community Health Center to provide registered dietitian staffing to implement the SESAMM project at Hillside High School.

SESAMM is a state funded school-based obesity prevention program promoting healthful nutrition and physical activity.

Child Wellness - Medical Nutrition Therapy (MNT)

- Received 51 new referrals for MNT. Fifty-nine percent of these referrals are for childhood overweight and obesity. Over half of these referrals have complications of obesity such as high blood pressure, elevated cholesterol, sleep apnea and insulin resistance.
- Provided 99 MNT services to children and 115 consultations to caregivers and providers regarding patient care.
- Provided 55 general consultations and/or responses to public inquiries about nutrition.
- Conducted sessions on nutrition management for children with Type 1 and Type 2 diabetes for 40 Durham Public School staff. The sessions were part of the training for implementation of Senate Bill 911: Care of School Children with Diabetes in Durham Public schools.

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

- Provided 83 MNT services to pre-conceptual women, high-risk pregnant women or families with high-risk infants.
- Provided 61 consultations to caregivers and providers regarding patient care.
- Staffed display on pre-conceptual nutrition was presented at the Department of Social Services retreat.
- Developed and distributed an informational flyer on breastfeeding via county e-mail to all county employees during National Breastfeeding Week; information was also posted on the county employee intranet web page.

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

- Received 12 new referrals for MNT.
- Provided 23 medical nutrition therapy services to adults.
- Provided 65 consultations to health care providers and clients regarding patient care and/or responses to public inquiries about nutrition.

### Child Care Nutrition Consultation

- Provided 9 facility consultations including mealtime observations.
- Provided 26 consultations relating to nutrition for preschool children to child care center and day care home staff and parents/guardians of children attending the centers.
- Conducted 12 trainings to 92 childcare providers.
- Began a new collaboration with the Department of Early Childhood Education at Durham Technical Community College. Presented on the topic of childhood overweight to a class of 13 students. One student, a director of a local child care center, called to enroll her facility in the Child Care Nutrition Consultation project after hearing the presentation.
- Revised, translated, and distributed 350 interactive “Healthy Eating Checklist for the Parents of Young Children” to Head Start staff.
- Joined Durham’s Head Start Health Advisory Committee in August. Provided counsel to this Advisory Committee regarding revisions to their hemoglobin/hematocrit screening procedures. The current North Carolina Early and Periodic Screening, Diagnostic, and Treatment Services (EPSDT) Guidelines require measurement only once during infancy (9-12 months) and once during adolescence (for menstruating females). Historically, Head Start children have been considered at increased risk for iron-deficiency anemia due to low-income status. For these children, best practice is to screen annually between the ages of 2 to 5 years. As a result of our nutritionist’s involvement, the local Head Start agency will continue to safeguard these children by requiring a current hemoglobin/ hematocrit test upon enrollment.

### Networking and Collaboration:

- Meetings of the local, regional and state Interagency Coordinating Council
- Regional Breastfeeding Coordinators quarterly meeting
- Child Service Coordination Team Meeting
- With Health Department’s neighborhood nurses for program planning in preconceptional a class and breastfeeding promotion
- Targeted Infant Mortality task force meeting
- With Healthy Kids, Healthy Communities project coordinator about Kids, Get Fit! scholarship program and referrals
- SESAMM curriculum and program development workshop
- With WIC program at Lincoln Community Health Center; provided information on the Health Department’s new dental health program.

### ENVIRONMENTAL HEALTH DIVISION

- The Environmental Health Specialist position (vacated by Mr. Woodell) has been offered to and accepted by Chris Walker. He will begin with Durham County on September 11. Mr. Walker was an Environmental Health Specialist Intern in Edgecombe County. He is authorized to enforce state restaurant rules and as a result will need less training than a new intern candidate.
- The Program Specialist position in the Water and Waste Section has been filled by John Williams. He will be responsible for the Septic Monitoring program as well as portions of the Well Program. John worked for 15 years as an EHS in Mobile Alabama. He had supervisory responsibilities in their Well and Septic Program. For the last two years, John has worked in Wake County, N.C. and was recently promoted to Program Manager.
- Patrick Eaton, an employee in the Water and Waste section was authorized on August 31 to enforce state onsite sewage rules and regulations. Mr. Eaton came to Durham County last October. It generally takes seven to ten

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months to get a new employee through the required training and to the point of authorization. At that point, the employee is considered to be an EHS intern. Only when authorized by the State can an employee enforce state rules and regulations. Durham County invests a lot of resources into new EHS interns before putting them into production.

- On July 10, 2006 Marc Meyer, Daryl Poe and Robert Brown made a presentation to 17 (high school) students in Dr. Ladapo's summer NCCU biology class. Robert Brown presented a power point overview of the Environmental Health Program and water and waste inspections in more detail. Marc Meyer discussed food and lodging establishment inspections and Daryl Poe discussed swimming pool inspections. As in previous years, most of the questions were about restaurant and swimming pool inspections. This type of presentation serves to increase the awareness of rising college students of career opportunities in environmental health.
- In August, Amber and Marvin made a presentation to Operation Head start daycare operators on the recent revision of the daycare rules. Operators need to be kept aware of rules changes that affect their establishments.
- Also in August, Marvin Hobbs gave a presentation to Nutrition students at NCCU on the Environmental Health program. As with the presentation to Dr. Ladapo's class, this helps to educate students about career opportunities in environmental health.
- The "Lead in Water issue" continues to receive attention. Testing at the Penrith apartment complex began shortly after a case of lead poisoning was documented in a child that formerly lived at the complex. Since then, tap water from a total of 53 units was analyzed and 12 had lead levels above the EPA action level of 15. Nineteen additional pre-1986 homes within one half mile of the Penrith apartments were sampled and 11 of those tested above the action level. These samples were "first draw," meaning that the samples were taken after water had stood in the plumbing overnight. However, 5-minute flush samples at the 11 homes were below the action level. In June and July, 103 random pre-1986 homes in Durham were sampled and 8 of those came back above the 15 ppb action level for lead. A news conference was held on July 21, 2006 to update the public. Mr. Brian Letourneau (DCHD), Michael Adcock (City Water Management) and Dr. Jeffrey Engle (Chief Epidemiologist, NC Dept of Public Health) answered questions from the media. In August, Environmental Health sampled a water fountain and a kitchen faucet at 26 pre-1990 schools. First draw and 5-minute flush samples were taken at each location for a total of 111 samples. One water fountain and two kitchen faucets tested above the action level. All flush samples were below the action level. As a precaution the Durham Public School system sampled all water fountains at the subject schools and found 15 water fountains to be above the 15 ppb level. These fountains have been shut down pending further investigation. The kitchen faucets will be flushed each morning prior to using water for cooking or drinking.
- Again, customers are advised to take several basic precautions to reduce potential lead exposure. This includes first obtaining a water sample to determine if there is a risk. If a risk is present, always flush pipes for up to three minutes before drinking or using water for cooking if the water has not been used for more than six hours. This is especially important if you have been away on vacation. Never use hot water for cooking or drinking purposes and periodically clean or replace the aerator or strainer on your kitchen faucet as the screen can trap small pieces of plumbing debris.
- Division enforcement activities for the quarter ending in June included:
- Food, Lodging and Institutional Facilities:
  - ✓ Inspections and complaint visits- 1,123,
  - ✓ New Permits issued (for permanent establishments)- 24
- Lead Program: Site investigations- 5 , Site visits- 31
- Swimming Pool Program: Inspections and visits- 275
- Well Program: Construction inspections and consultations- 164, permits-30 , water samples- 60
- Onsite Wastewater Program:
  - ✓ Site visits- 533, Improvement Permits- 44, Operation Permits and Construction Authorizations issued- 39

### HEALTH DIRECTOR'S OFFICE

- Participated in numerous meetings to finalize issues related to completion of the Strategic National Stockpile plan for Durham County. The plan was submitted to the State as required.
- Attended two Veterans Administration Medical Center Research Safety Committee meetings.

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- Traveled to Kansas City, Missouri to view Johnson County building that incorporated many of the design features planned for the new Health Department building. It was an impressive structure that was a very pleasant work environment. However, the building is primarily a social services facility with far less traffic than expected in our new facility. Also attended multiple Human Service Building planning meetings.
- Held the June Quarterly Staff meeting. Sheila Madison-Reid, Child Health Assistant with the Maternity program, was presented with the Pamela Wall-Brame Employee of the Quarter Award for her work with elementary schools in the community.
- Attended 2 meetings of the African-American Health Improvement Project and the project's Finance Committee meeting.
- Attended two Duke University Health System Emergency Preparedness Steering Committee meeting. The Health Department will present information to the committee on its Pandemic Influenza planning activities to date at the September 27 meeting.
- Attended two Durham System of Care meetings.
- Held two Pandemic Influenza committee planning meetings. Work continues on the subcommittees appointed at the June meeting.
- Attended an Access to Care luncheon sponsored by Mary Ann Black from Duke University Health System. The purpose of the meeting was to seek community input about the needs of various groups asking for financial and in-kind support from the health system. Ms. Black would like the various groups to consolidate a joint community health plan for the system to consider supporting. These meetings have commenced.
- Attended the Durham County Department Heads Meeting.
- Met with Durham Public Schools staff to discuss testing for lead in drinking water sources at all schools built prior to 1990. 14 water fountains at eight schools were found in excess of lead water standards and have been disconnected. The need to routinely test for lead in older Durham Public School buildings was discussed.
- Attended a Multi-Agency After-Action meeting at Emergency Management to discuss the response to the mercury spill at Oak Grove Elementary School. The final cost of the event exceeds \$300,000 according to EPA staff. This does not count the \$70,000 clean up cost reported by Durham Public Schools. Mechanisms for improving the response to future incidents were discussed.
- Was appointed as a community member to the Duke Institutional Biosafety Committee and attended August meeting at the Searle Center.
- Met with Dr. Phillip Heine, Medical Director for our OB program, to discuss potential opportunities to improve service delivery and expand the contract with Duke to include operation aspects of the clinic.
- Met with Marqueta Welton, Director of Human Resources, to discuss our escalating problems with recruiting health professionals, particularly nurses. HR has committed to helping the Health Department improve recruitment and retention of difficult to recruit and retain positions.

BOARD COMMENTS

Ms. Salois-Deane said that she spoke with Ms. Rebecca Reeve, Senior Advisor, N.C. Department of Health and Human Services/Division of Public Health about a website: [nhealthyschools.org/](http://nhealthyschools.org/).

She asked the Board to review the website and provide her with feedback [via email] regarding their likes/dislikes and what other information would they like to see posted on the website.

Their being no further business, Mr. Burch made a motion to adjourn. Mr. Blanton seconded the motion and it was approved unanimously.

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William T. Small, MSPH  
Chairman

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Brian E. Letourneau, MSPH  
Health Director

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