

Academic Health Department

Bridging Knowledge, Improving Health

A collaboration between the University of Tennessee, Department of Public Health and Knox County Health Department

Review of Year 1

August 1, 2011 – July 31, 2012

Presented Jan 10, 2013, by Martha Buchanan, MD, Director, Knox County Health Department; Paul Erwin, DrPH, MD, Director, Department of Public Health; Julie Grubaugh, MPH, AHD Coordinator



Agenda

- Welcome
- Background
- Shared Accomplishments
- Additional Benefits
- Future Directions

Background

- Academic Health Department concept developed in 1980's, early 90's
- Devised as the public health equivalent of what the teaching hospital is for medical and nursing students
- Key support from the Public Health Foundation Council on Linkages between Academia and Practice
- Recent resurgence and renewal
- *KEY: developing the AHD on a foundation of long-standing engagement between MPH Program/Faculty and KCHD*

Shared Accomplishments

- 1. Communicating the Concept**
2. Workforce Development
3. Student Education
4. Serve as a model

Communicating the AHD Concept

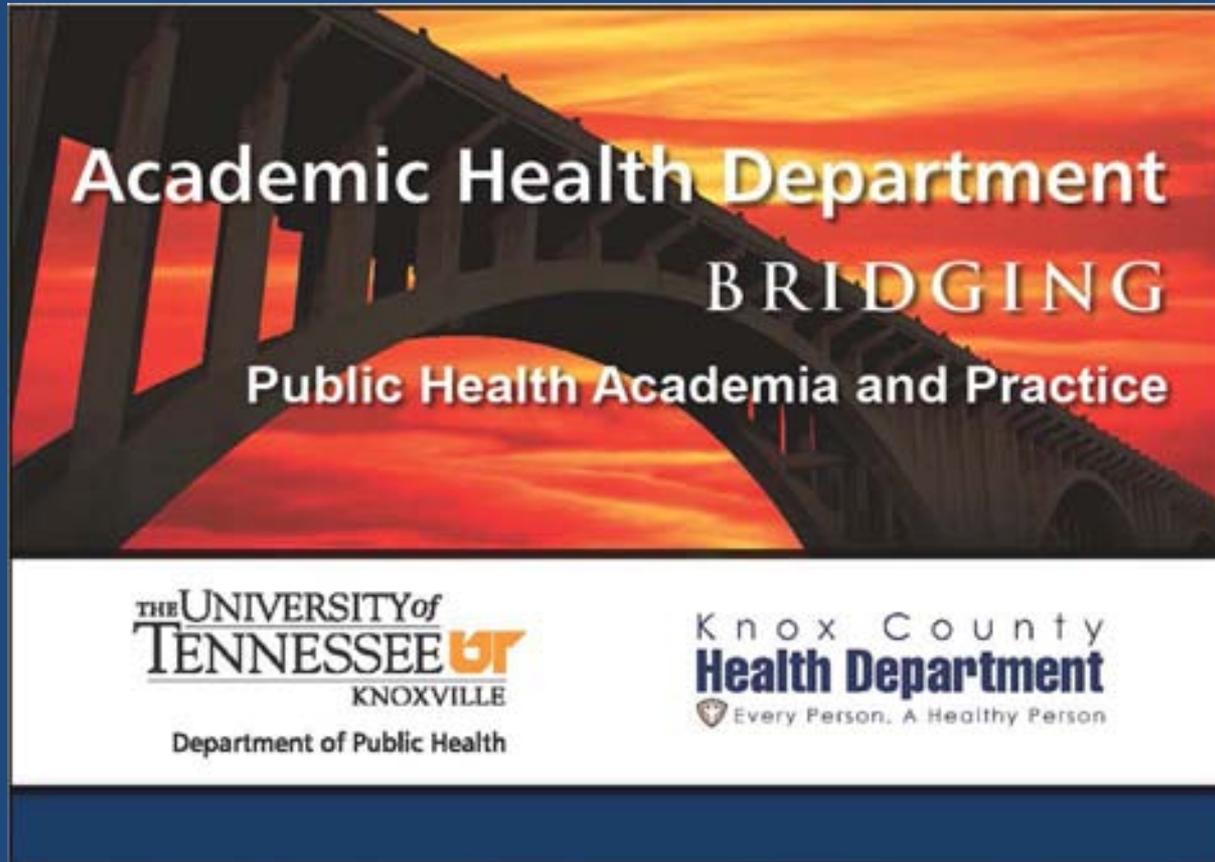


Image displayed at Tennessee Public Health Association and American Public Health Association exhibit booths

Communicating the Concept contd.

Newsletters



TV



Website



Video



Journal



Shared Accomplishments

1. Communicating the Concept
- 2. Workforce Development**
3. Student Education
4. Serve as a model

PUBLIC HEALTH GRAND ROUNDS

*Collaborative learning sessions
to improve public health
by connecting research & practice*

Presented by the Knox County Academic Health Department

- Four 1-hour sessions
- Goal is to connect research and practice
- Modeled after medical grand rounds



PHGR- Sessions 1 & 2

Public Health Grand Rounds

Aspects of Diet and Cancers of the Digestive Tract: Controversy, Study Methods and Public Health



Date: September 23, 2011
Time: 12:00 pm – 1:00 pm
Location: Knox County Health Dept. Auditorium
Cost: No fee
You are welcome to bring a brown bag lunch.

Description: Everyone knows that fruit and vegetables, as well as dietary fiber, are important parts of a healthy diet. Yet the role these key dietary factors play in specific diseases appears to differ, and with some diseases it remains highly controversial. Such controversies provide the opportunity to examine and refine the methods we use, as well as the thinking that ultimately helps to resolve the controversy and advance knowledge.

This talk will discuss these dietary factors in relation to cancers of the upper and lower digestive tract, and will place some emphasis on methodological factors that might be of interest to the health department and other public health practitioners, and how public health messages may be tailored accordingly. Time will be allotted for a panel reaction and audience questions.

Who Should Attend: This is relevant to epidemiologists, researchers, community health educators, and other members of the public health workforce; however it is open to anyone.



Presenter:

Paul Terry, PhD, MPH,
Epidemiologist and
Associate Professor at
the University of
Tennessee, Knoxville

Public Health Grand Rounds (PHGR) is hosted by the *Academic Health Department*, a partnership between the University of Tennessee, Department of Public Health and Knox County Health Department.

PHGR is funded by LIFEPATH, a Public Health Training Center (PHTC); <http://www.tnphgr.org/>

For questions contact Julie Hansen, *Academic Health Department Coordinator*, julie.hansen@utk.edu / julie.hansen@knoxcounty.org or 865-974-9277 / 865-215-5310.



The Academic Health Department's Public Health Grand Rounds

Collaborative learning sessions to improve public health
by connecting research & practice

What's in our water?

Water Quality Impact on Human Health and Prevention Interventions



Date: November 18, 2011
Time: 12:00 pm – 1:00 pm
Location: Knox County Health Dept. Auditorium
Cost: No fee

You are welcome to bring a brown bag lunch.

Research View: J. Chen, PhD, MPH, Assistant Professor, the University of Tennessee, will discuss research that identifies pollutants in our water resources and cities and cite examples of negative impacts to human health. He will address broad implications of the research for public health practitioners seeking to prevent water contaminants.



Practice View: John Duncan, Pharm.D, Director of Pharmacy, Knox County Health Department and Al Iannaccone, M.S., Environmental Epidemiologist, Knox County Health Department, will discuss two local examples of public health interventions to prevent water contamination and proactively respond to water quality concerns. Interventions include efforts to identify and map the drinking water wells in Knox County as well as medication collection events to reduce the quantity of pharmaceuticals getting into the water supply. The practitioners will also discuss implications for practice-focused research.

Making Connections: The last thirty minutes will be audience Q&A and dialogue among presenters. Questions? Contact Julie Hansen, Academic Health Department Coordinator, julie.hansen@utk.edu / julie.hansen@knoxcounty.org or 865-974-9277 / 865-215-5310.



PHGR- Sessions 3 & 4

PUBLIC HEALTH GRAND ROUNDS

Collaborative learning sessions
to improve public health
by connecting research & practice

Presented by the Knox County Academic Health Department

February 10, 2012, 12:00 pm-1:00 pm

The Adolescent Brain: A Work Still in Progress

Clea McNeely, DrPH, Department of Public Health, University of Tennessee

Teen brains interpret emotions, risk, and conflict differently than adult brains. Dr. McNeely will review current research and demonstrate how new understanding can promote effective communication between teens, parents, and adults who work with them. This session will include 30 minutes of dialogue among public health practitioners in the audience about how these principles are implemented in their day-to-day work with teens.

Knox County Health Dept. Auditorium
140 Dameron Ave, Knoxville, TN 37917

Attendance is free, and you are welcome to bring a "brown bag" lunch.



Clea McNeely studies how parents, schools, and communities affect the health and well-being of adolescents. She received her doctorate at the UCLA School of Public Health and held faculty positions at the University of Minnesota School of Medicine and the Johns Hopkins Bloomberg School of Public Health before coming to the University of Tennessee, Knoxville. She has authored dozens of publications on adolescent health. Her research has been funded by the National Institutes of Health, the Centers for Disease Prevention and Control, the William T. Grant Foundation, and the Robert Wood Johnson Foundation.

Dr. McNeely's recent book, *The Teen Brain Explained*, is a practical guide for people who work with young people and teens themselves. It is available at no cost through the Johns Hopkins Center for Adolescent Health at

<http://www.jhu.edu/centers/adolescenthealth/TCGuide.pdf>

A copy of the book will be raffled at the session.



Questions? Contact Julie Hansen, Academic Health Department Coordinator
julie.hansen@knoxcounty.org
julie.hansen@knoxcounty.org
or 865-974-9277 / 865-215-5310.



Public Health Grand Rounds

Collaborative learning sessions
to improve public health
by connecting research & practice

Presented by the Knox County Academic Health Department



Childhood Obesity Treatment: Implementing an Evidence-based Program into a Community Health Care Setting

Hollie Raynor, PhD, RD, LDN, Department of Nutrition, University of Tennessee

April 13, 12-1 p.m.
Knox County Health Department Auditorium
140 Dameron Avenue, Knoxville



Evidence-based guidelines exist for pediatric weight management, yet these guidelines are often not implemented in primary care settings. Dr. Raynor will review current research on pediatric weight management, factors that are important regarding the translation of research into practice, and describe the implementation of an evidence-based pediatric weight management program into Cherokee Health Systems. This session will include dialogue among the audience.

- No fee to attend
- Register at the door
- Social Work CEU's available for purchase
- You are welcome to bring a "brown bag" lunch.



Dr. Hollie Raynor conducts research in lifestyle interventions for pediatric and adult weight management. She holds a MS in Public Health Nutrition and a PhD in Clinical Psychology, and is currently an Associate Professor in the Department of Nutrition at the University of Tennessee. She has published over 60 scientific articles and has partnered with Dietitians of Canada to provide training to nutrition professionals on using motivational interviewing in nutrition counseling. Her research is funded by the National Institutes of Health and the American Diabetes Association.

Questions? Contact Julie Hansen at 865-215-5310 or julie.hansen@knoxcounty.org
Session recording will be archived at <http://publichealth.utk.edu/>



Workforce Development- Public Health Grand Rounds

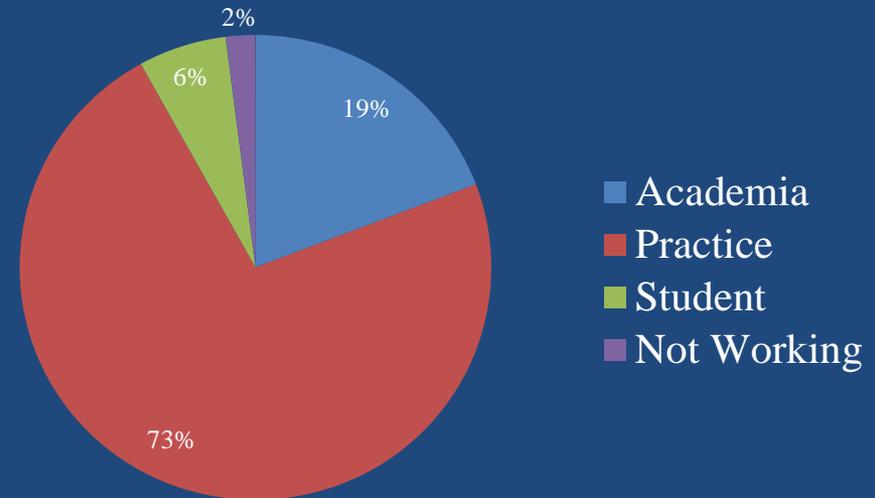
20-46 attendees per
session

>75% connected research
& practice

>80% increased
knowledge

>50% improved practice

Participant Work Setting



Public Health Grand Rounds

“Practice-based Research to Improve the Public’s Health”

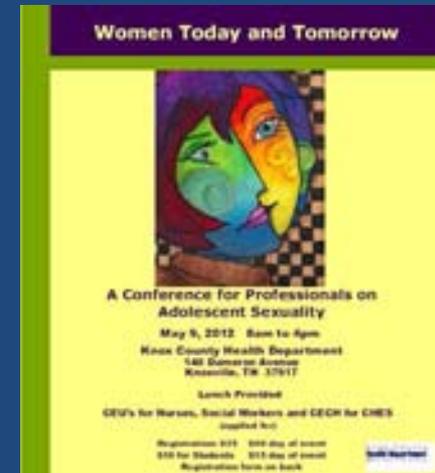
Year 2 focus:

- Increase relevancy to practitioners
- Identify research questions within KCHD
- Collaborate on 1 KCHD research project per year



Workforce Development- UT faculty Contributed to KCHD Trainings

- KCHD's Women's Health Conference
 - Included UT faculty presenter, Clea McNeely
- Evaluation Workshop for KCHD Management Staff
 - Presented by UT faculty, Clea McNeely
- KCHD's Public Health Workforce Development Series (PHWDS)
 - Utilized 4 UT faculty presenters
 - fall 2011- Paul Terry, Betsy Haughton
 - spring 2012- Charles Hamilton, Carole Myers
 - UT MPH Program Director, Charles Hamilton provided academic curriculum review



Workforce Development- Medical Coding Training

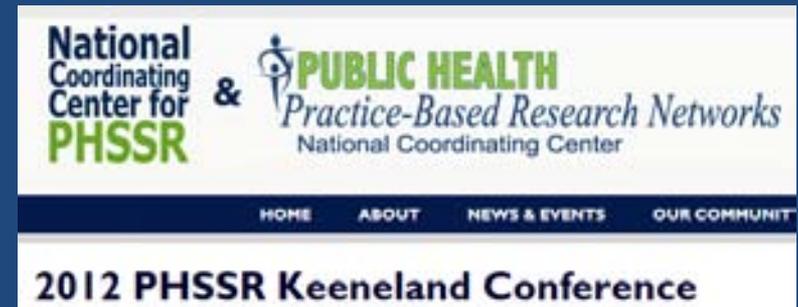
KCHD recognized a need for training clinical employees to prepare for billing private insurance

- UT faculty, Margaret Knight, Registered Health Information Technician (RHIT) and Certified Coding Specialist (CCS), provided consultation by phone, email, and onsite training



Workforce Development- National Conference Attendance

- Keeneland Conference-
Public Health Systems
and Services Research
 - Attended by 4 HD
employees, 3 UT faculty,
AHD Coordinator
- Washington Health
Policy Institute
 - Attended by 2 KCHD
Directors; 1 UT Director



Shared Accomplishments

1. Communicating the Concept
2. Workforce Development
- 3. Student Education**
4. Serve as a model

MPH Student Education- KCHD staff presented to students

- PH 509 Seminar
 - Director of Accreditation and Continuous Quality Improvement
 - Program Manager for Healthy Kids, Healthy Communities
 - Director of KCHD Centers of Excellence Clinic (HIV/AIDS)
- PH 510 Environmental Health
 - Environmental Epidemiologist
- PH 525 Financial Management
 - Finance Director



MPH Student Education-

PH 527: Theory & Techniques in Health Planning Class

- Collaboration between
 - Stephanie Welch, Director, Community Development & Planning
 - Margaret Knight, UT Public Health faculty
- MPH students conducted a Community Healthy Living Index (CHLI) assessment in Lonsdale neighborhood, developed a report, and shared findings with neighborhood



UT Student Education- Internships and Volunteering

- Internships
 - 7 students (via UT Dept of PH) contributed 2,040 internship hours
 - Equivalent to 54.4 weeks of full-time employment, or 1 person working full time for more than 1 year
- Volunteering or Shadowing
 - 5 MPH students volunteered at KCHD's teen parenting conference (15 hours)
 - 30 UT American Medical Student Association students shadowed at KCHD (60 hours)



Azieb Kidanu, MPH
Intern Success Story

Shared Accomplishments

1. Communicating the Concept
2. Workforce Development
3. Student Education
- 4. Serve as a model**

Serve as a Model- AHD Learning Community

Public Health Foundation's Council on Linkages'
AHD Learning Community

- Participated in conference calls, created personal profile for Coordinator, MOU posted on website as resource for others



Serve as a Model- Presentation at a National Conference



Linking Public Health Academia and Practice:
Forming an Academic Health Department in
Knox County, Tennessee



Charles Hamilton, DrPH, MPH
Professor & Director, MPH Program
Department of Public Health
University of Tennessee
Knoxville, TN
November 1, 2011

- APHA's National Conference
Washington, DC
- The first in-person meeting for the AHD Learning Community

Serve as a Model– Direct Consultation

Provided phone, email, and face-to-face
consultation to LHD's and Universities in
process of forming an AHD



Portland State
UNIVERSITY



Arizona Public Health
Training Center



District Health Office in Macon, GA

Additional Benefits- UT

AHD Coordinator

- Improved MPH Field Placements
 - Centralized, standardized



- Initiated Alumni Outreach
 - Listserv, newsletter, webpage



- Coordinated **Public Health Summer Academy** for 16 East TN Regional Employees
 - 75% will seek additional courses or degree in PH
 - 100% recommend to colleagues



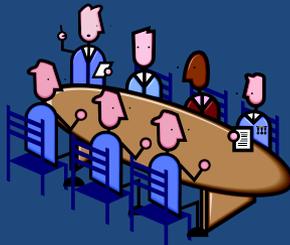
Additional Benefits- KCHD

AHD Coordinator

- Facilitated access to UT faculty



- Served as consultant on KCHD's Workforce Development Committee



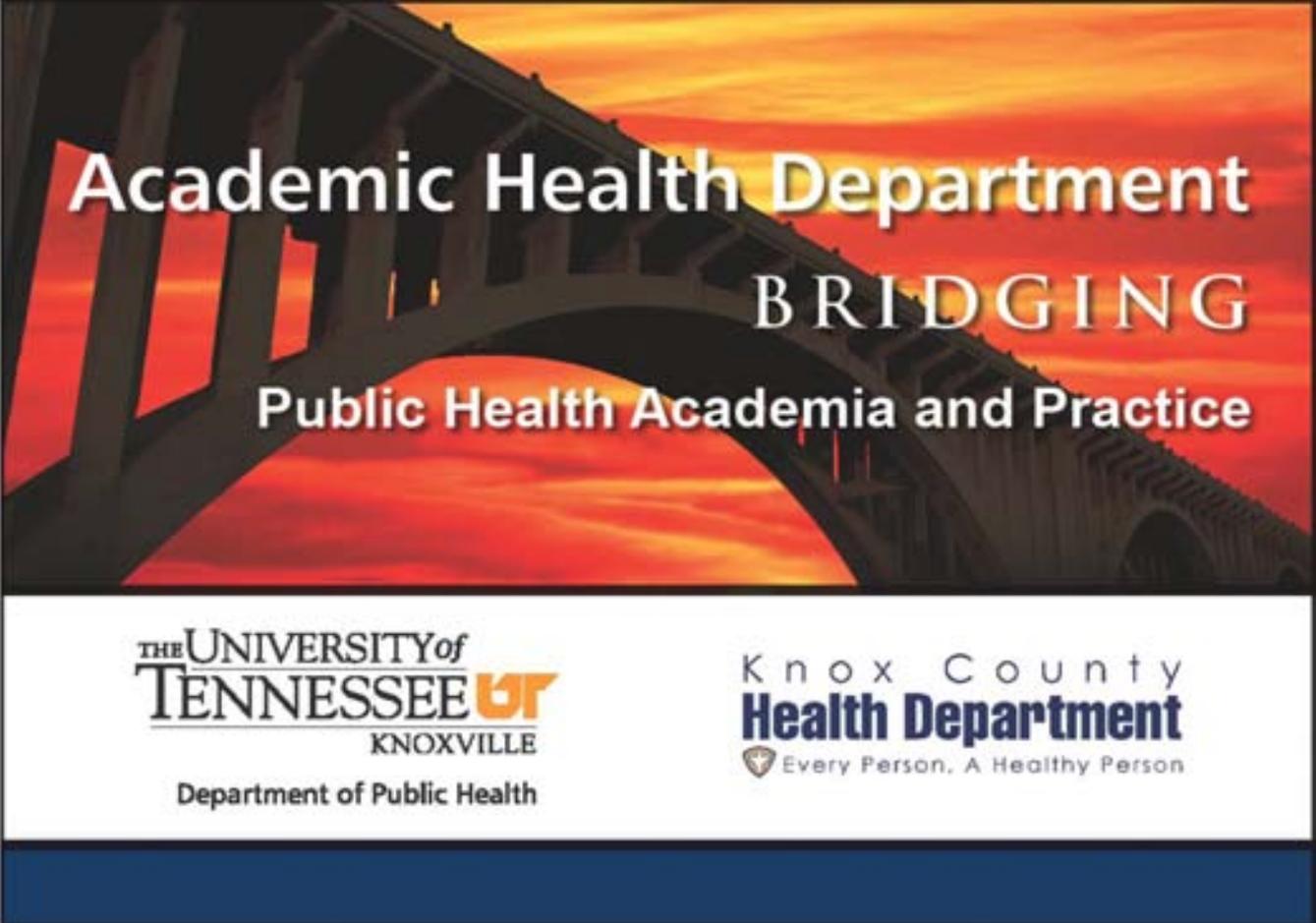
- Improved Student Experience
- Centralized, Standardized



Future Directions

- Establish permanent position for AHD Coordinator
- Pursue collaborative grant opportunities, particularly on evidence-based practice
- Establish a practice component with all required MPH courses
- Explore re-establishing public health workforce certificate program

Questions?



Academic Health Department
BRIDGING
Public Health Academia and Practice

THE UNIVERSITY of
TENNESSEE **UT**
KNOXVILLE
Department of Public Health

Knox County
Health Department
Every Person. A Healthy Person

AHD Contact Information



Julie Grubaugh
Knox County Health Department/Adm
140 Dameron Ave
Knoxville, TN 37917
julie.grubaugh@knoxcounty.org
865-215-5310
<http://www.knoxcounty.org/health>

Julie Grubaugh
UT Department of Public Health
390 HPER, 1914 Andy Holt Ave
Knoxville, TN 37996
jgrubaugh@utk.edu
865-974-9277
<http://publichealth.utk.edu>