



Georgia Department of Public Health

Field Experience Presentation

Gurleen Roberts, MPH Candidate Spring 2014

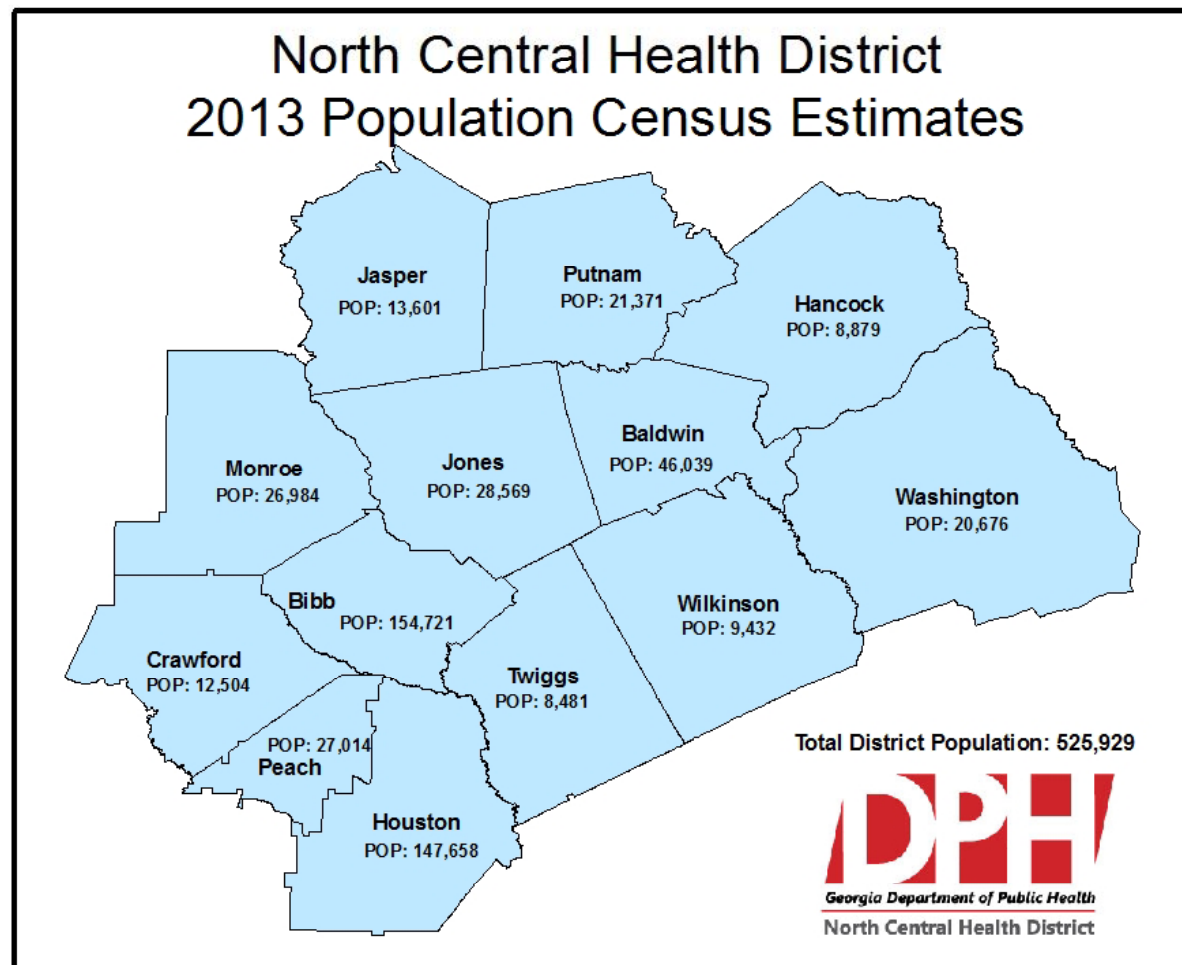
Fort Valley State University

April 12, 2014



We Protect Lives.

North Central Health District (NCHD) Background



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North Central Health District (NCHD) Background

Mission Statement

The goal of the NCHD is optimal health for all Georgians and also strives to **prevent** diseases, **promote** health and **protect** communities against health threats.

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North Central Health District (NCHD) Background

Services Provided

- Family Planning
- Immunizations
- Infectious Disease
 - STI/STD
 - TB
- Epidemiology
- WIC
- Breast Test & More
- Dental
- For Children:
 - Children First
 - Babies Cant Wait
 - Children's Medical Services
 - Hearing Screening
 - School based flu
- Environmental Health
 - Wells, Septic, Pools, Food Service Inspections, Subdivisions, Rabies, Lead, Tourist Accommodations, and Tattoo Parlors

Job Responsibilities

Intern Contract

- 17 items listed
 - Confidentiality agreement
 - Regular attendance and availability schedule
 - Dressing and acting professionally
 - Phone call scripts
 - Providing good quality work in a timely manner

Supervisor Contract

- 10 items listed
 - Notifying interns of their availability
 - Accommodating interests of the interns when time permits and opportunities arise
 - Providing clear instructions

Project Relevance

1. Accreditation
2. Databases
3. Workshops
4. Disease Surveillance
5. Miscellaneous



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1. Accreditation

Health Status Reports

- provide quantitative data on a broad array of health indicators, including quality of life, behavioral risk factors, and other measures that reflect a broad definition of health.

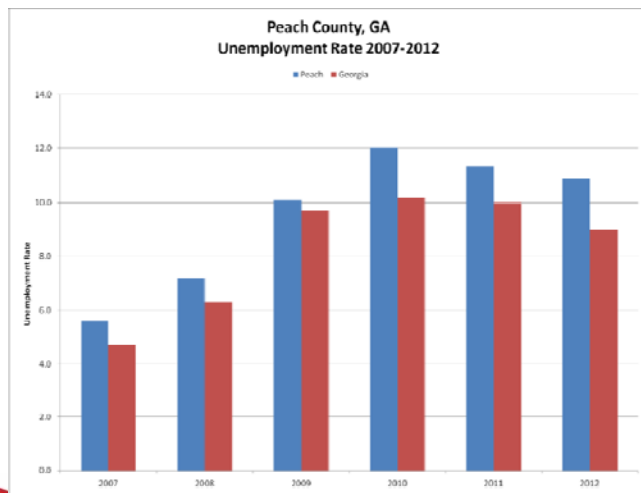


*Advancing
public health
performance*

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Peach County Overview

Economic Indicators		
	Peach	Georgia
Unemployment Rate, 2012	10.9	9.0
Median Household Income, 2010	\$38,024	\$46,252
% Population Employed 16 years and over	38%	44%
Children in poverty	36%	25%
% of Households with food Stamp/SNAP benefits in the past 12 months	19%	10%



Demographic Characteristics of Peach County Residents		
General Characteristics		
Total Population		27,695
Median age (years)		33.3
% Under 18 years		23%
% 18-64 years		66%
% ≥ 65 years		11%
% Male		48%
% Female		52%
Race/Ethnicity		
% American Indian/ Alaska Native		0.2%
% Asian		0.8%
% Black/ African American		46%
% Native Hawaiian/Other Pacific Islander		0.0%
% White		48%
% Other Races		3.2%
% Two or More Races		1.6%
% Hispanic/Latino (of any race)		7%
Household Characteristics		
Average Household Size		2.58
Average Family Size		3.07
Total Households		9,958
	Family Households	69.6%
	Nonfamily Households	30.4%
Family Households with Children (<18 years old)		2,888
	Married Couple Households with Children	57%
	Female Householder with Children	25%
	Male Householder with Children	8%

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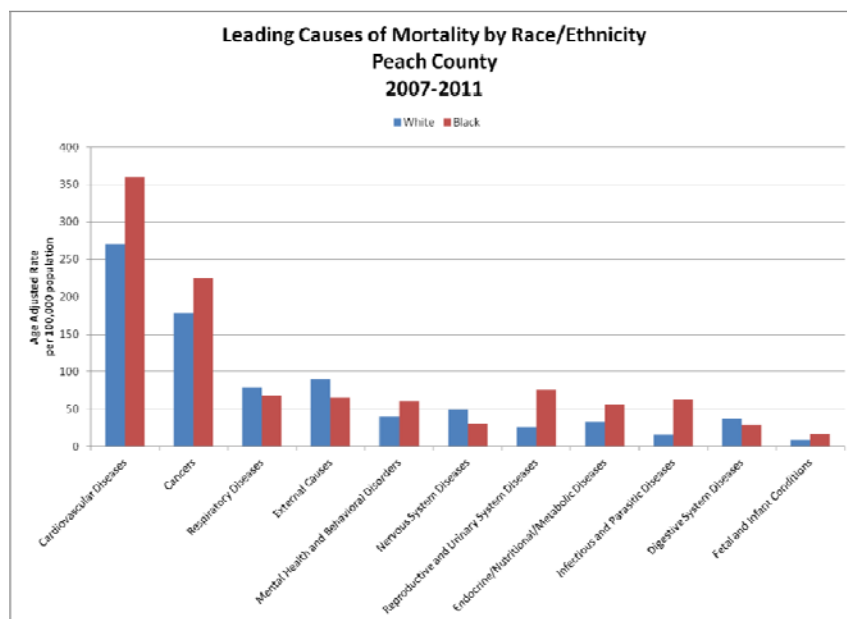
Chronic Disease

Obesity

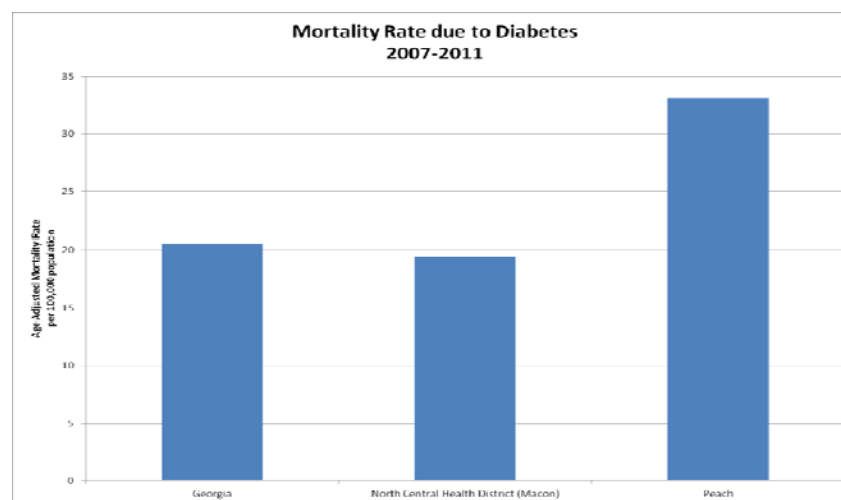
- In Peach County
 - **30%** obese Adults
 - **29%** of Adults report no leisure time physical activity.
 - **9%** low-income and do not live close to a grocery store.
 - **50%** of the restaurants are fast-food establishments.
 - **4** recreational facilities
 - **9%** live within 1/2 mile of a park.



Leading Causes of Death



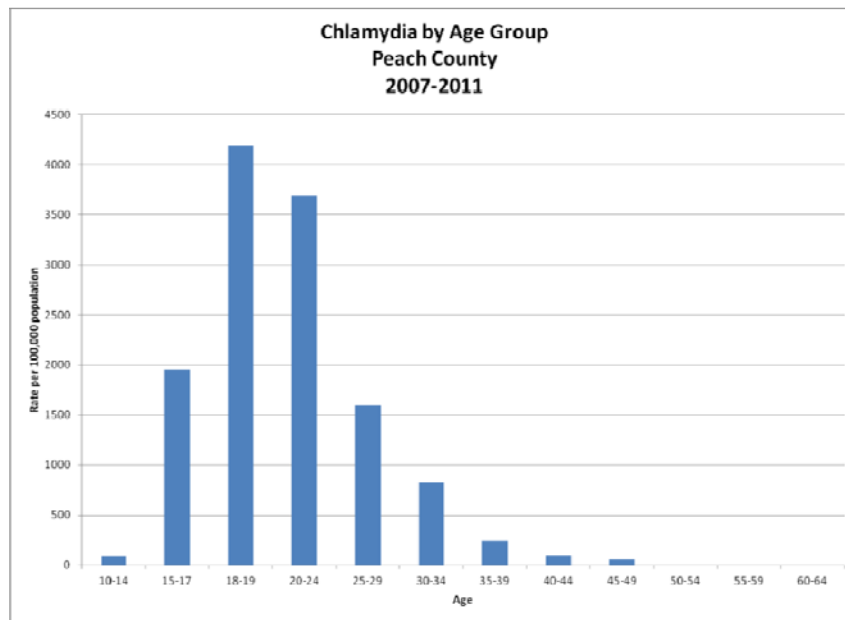
Age Adjusted Mortality Rates per 100,000 population due to Leading Causes of Cancer by Gender, 2007-2011					
Males	Peach	Georgia	Females	Peach	Georgia
Lung Cancer	83.4	68.9	Lung Cancer	46.2	37.7
Prostate Cancer	23.8	25.5	Colon Cancer	19.4	13.6
Colon Cancer	20.3	19.6	Breast Cancer	14.9	23
Pancreatic Cancer	12.5	12.1	Pancreatic Cancer	13	9
Stomach Cancer	11.9	4.8	Stomach Cancer	8.8	2.7



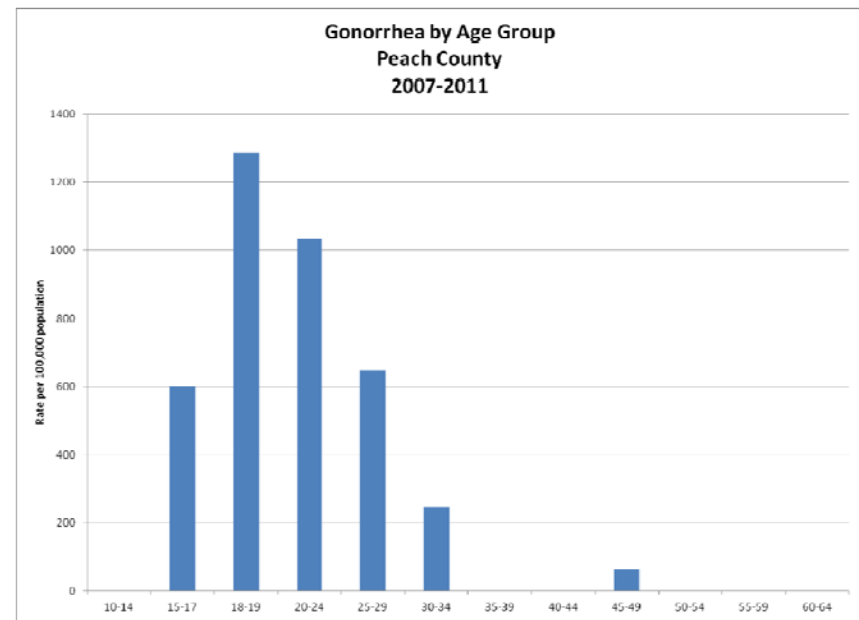
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Infectious Disease

Chlamydia



Gonorrhea

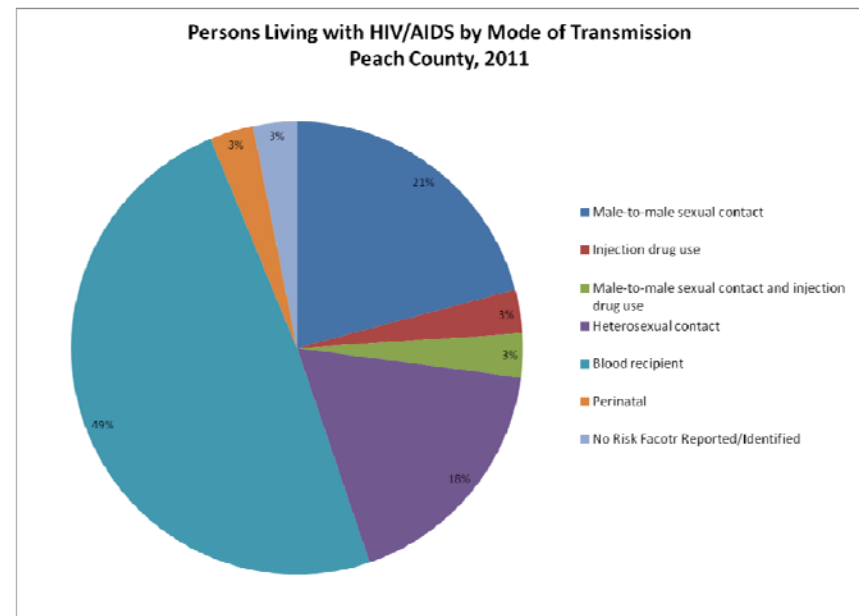
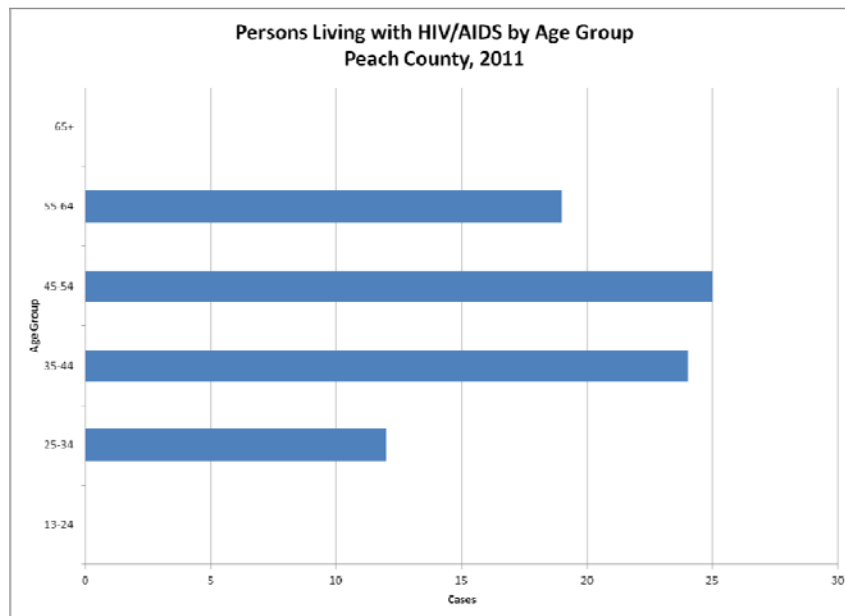


***Syphilis rates increased in 2010-11 in the 20-24 age group**

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Infectious Disease

HIV



2. Databases

- HIV
- Tuberculosis
- Syphilis
 - Submitted abstract for GPHA



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3. Workshops

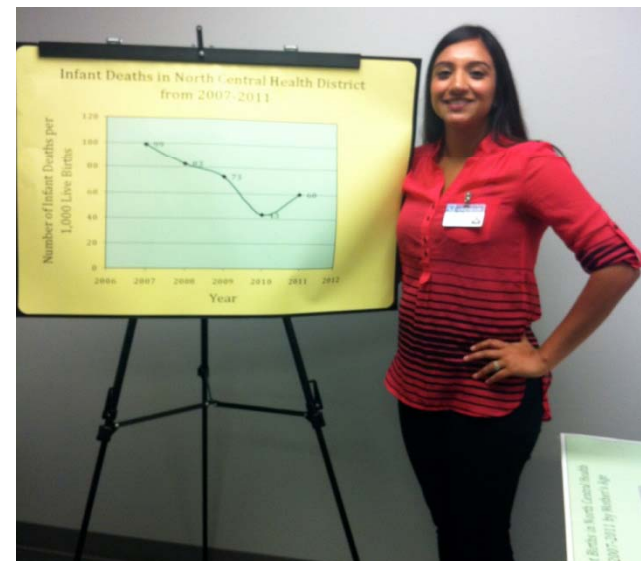
Participated

- Radiological preparedness
- Emergency shelter preparedness
- Foodborne outbreak training



Helped set up

- HIV Training
- Perinatal Workshop
 - Data statistics

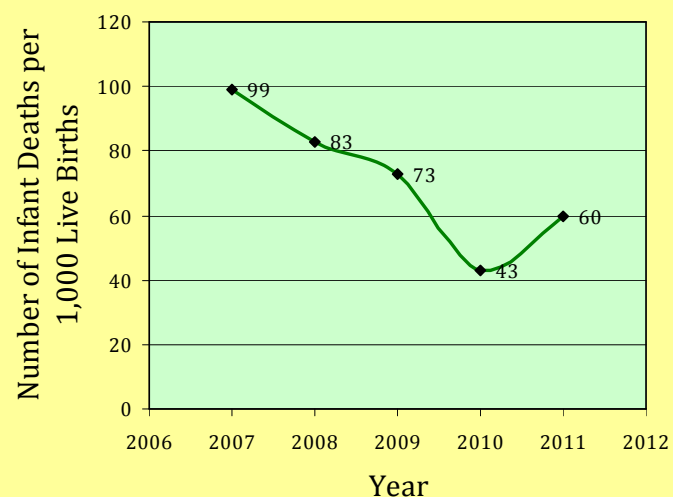


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Perinatal Workshop Data

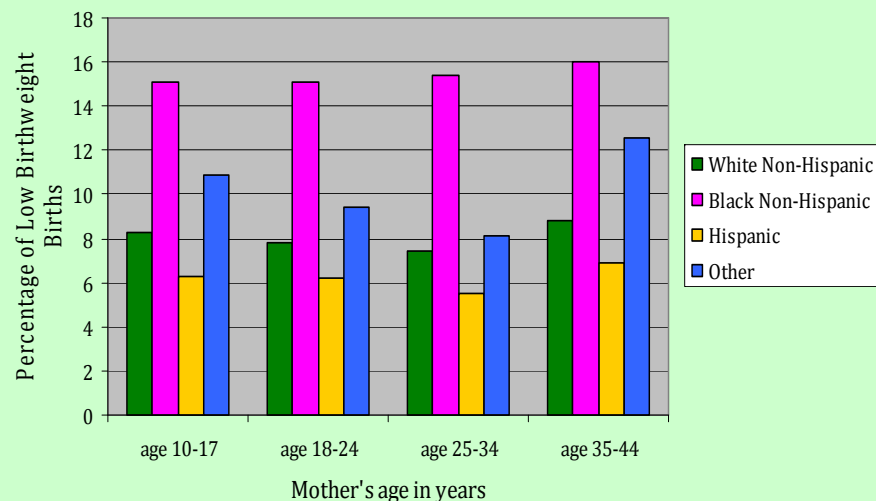
Infant Deaths

Infant Deaths in North Central Health District
from 2007-2011



Low Birth Weight Births

Low Birthweight Births in North Central Health District
from 2007-2011 by Mother's Age



Main Conference Room



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Lyme Disease



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DEPARTMENT OF HEALTH & HUMAN SERVICES
Centers for Disease Control and Prevention (CDC)
Atlanta, Georgia 30333

Tick-Borne Rickettsial Disease Case Report

(Use for fatal fever rickettsiosis (SFR) including Rocky Mountain spotted fever (RMSF), Ehrlichiosis (*E. chaffeensis*, *E. ewingii*, & *and*), and Anaplasmosis (*A. phagocytophylum* & *and*).

Visit <http://www.cdc.gov> and use "Search" for complete Case Definition(s) or visit the disease web site(s) for a fillable/downloadable PDF version of this Case Report.

Form Approved
OMB 0920-0005

CDC#

Patient's name:

Address:

(house, street)

City:

Date submitted:

Physician's name:

date lab result

Phone no:

NEISS ID # (if reported)

Case ID # (if #)

Site # (if #)

Date # (if #)

1. State of residence: 2. County of residence: (see 58)

Postal zip:

(+44)

History of travel outside county of residence within 30 days of onset of symptoms? ☒ YES ☐ NO ☐ Link

3. Zip code: (if #)

Sex: (if #)

Unk

Male

Female

4. Date of birth:

(+44) (+44) (+44)

6. Race:

(+44) (+44)

5. Ethnicity:

(+44) (+44)

7. Hispanic ethnicity: (if #)

Yes

No

Unk

8. Anaplasmosis - *A. phagocytophylum*

Ehrlichiosis - *E. chaffeensis*

Ehrlichiosis - *E. ewingii*

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5. Miscellaneous

- Ride-along for STD notification



- School flu project



- Georgia resource list

Methods Used

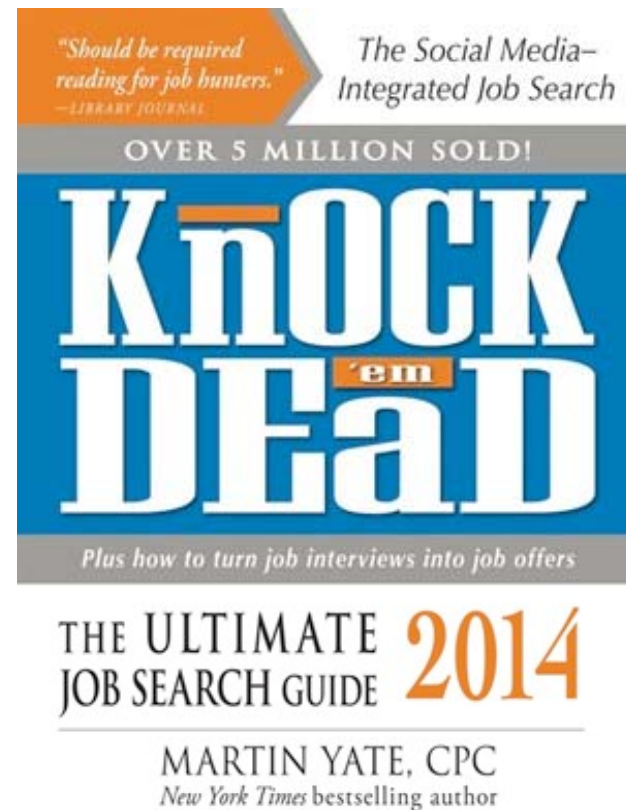
- Microsoft Office
- Databases: OASIS, SENDSS, and EPIinfo
- Taking initiative
- Being punctual
- Asking questions
- Details matter
- Network, Network, Network!



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Suggestions for Improvement

- Provide students with a list of field sites
- During field experience course:
 - Internship etiquette seminar
 - Interview workshop
 - Resume workshop



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Conclusion

I learned that..

- Hands-on experience is essential
- Networking is key
- Creating a reputation brings long term benefits
- I am passionate about epidemiology and public health from an administrative perspective



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Thank you!



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