

Public Health Rotation Information

3rd year UTMB Family Medicine Residents
Galveston County Health District

www.gchd.org

Initial Contact (call at least one week prior to start date)

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Entrance Interview with CEO/designee (1207 Oak Street, La Marque) – Dr. Mark Guidry

1. Overview of the structure and services provided by GCHD ("public health," EMS, & 4C's clinics):
<http://www.gchd.org/admin/welcome.htm>
2. Discuss Boards of Health, Strategic Health Plan, & policy development
<http://www.gchd.org/boards/boardindex.htm>
3. Discuss diversity in local public health systems/services and unique attributes of GCHD
4. Review of residency experience expectations & evaluation
5. Assess resident's professional interests and agency opportunities
6. Discuss the relationship between public health and medical care
7. Discuss the statutory role of a state-designated local health authority
8. Review an initial schedule with contact number of staff members
9. Discuss brief written report outlining key lessons-learned by resident during rotation – specifically regarding the relationship between public health and medicine

Community Health Services: Community Health Nursing, Senior Health, and Chronic Disease programs (breast cancer screening and diabetes self-management) (1207 Oak Street, La Marque 938-2456) – Susan Studebaker, Nurse Practitioner

1. Interview with Director of CHS or designee to obtain an overview of Community Health Services offered at GCHD. <http://www.gchd.org/chn/INDEX.htm>
2. Discuss issues related to funding for Community Health Services (grant funded services, inadequate funding, categorical programs, etc).
3. Distinguish between community health nursing and home health nursing services.
4. Observe CHN activities (community assessment, program development, implementation, and/or evaluation, working collaboratively with other agencies) in community settings (community centers, health fairs, faith-based institutions, schools, senior centers).
5. Describe senior programs offered by GCHD. Observe or participate in a community senior activity.
6. Participate in a Senior Health or Immunization Advisory Council meeting; understand the importance of community and stakeholder involvement in the development and implementation of community health services. <http://www.gchd.org/councils/seniorindex.htm> and <http://www.gchd.org/councils/immindex.htm>

7. Observe one component of the diabetes self-management program. Discuss the importance of involving the client in the management of his/her health condition, issues and barriers to effective self-management and the provider's role in promoting self-management.
8. Identify programs which provide free or low-cost cancer screening for Galveston County women. Observe case management and follow-up activities which occur when abnormal findings are noted. Appreciate the social and economic difficulties related to obtaining health care.
9. Recognize the importance and complexity of working with community collaborations. Identify ways of locating community resources.

STD/HIV Prevention and Control Program ("Public Health") (4700 Broadway, Galveston – 765-2528) – Jim Hilton

1. Obtain an overview of program activities from manager - Jim Hilton
<http://www.gchd.org/chn/STD.htm>
2. Observe how disease reports are received by the program and what public health staff do to review the report for accuracy
3. Observe how staff identifies a reportable disease that is untreated or requires an investigation to identify contacts to the infectious disease
4. Participate in a contact investigation and observe how contacts are identified and tracked to assure proper treatment and follow-up
5. Review current CDC STD treatment guidelines and identify new recommendations from the prior version <http://www.cdc.gov/std/treatment>
6. Observe HIV and STD counseling to cases and contacts
7. Become familiar with state reporting system, databases, types of information kept in the databases, how they are used in the state to prevent and control spread of STD's and HIV
8. Understand measures taken by state to assure the confidentiality of patient records and named contacts to STD's and HIV
9. Review state funding for public health STD Programs, types of positions and duties in the program, and the definitions of the performance measure which are evaluated by the state
10. Understand the relationship between clinical practice of medicine, the clinical identification of STD and HIV and the role of public health and preventing the spread of STD's and HIV

Immunization Program (1207 Oak Street, La Marque 938-2244) – June Gonzales, RN

1. Obtain an overview of program activities from manager - June Gonzales
<http://www.gchd.org/chn/IMM.htm>
2. Observe how vaccine inventory is received, used, and recorded by DSHS guidelines.
3. Participate in a Vaccine for Children orientation at a private doctor's office.
4. Review the current CDC 2006 recommended immunization schedule for children and adolescents. <http://www.gchd.org/councils/06ChildAdolesSched2-pg8%205x11-FINAL1.pdf>
5. Observe how staffs screen immunization records and administer immunizations in the Immunization Clinics.
6. Observe immunization education to parents of children receiving immunizations.
7. Become familiar with the state data base for immunizations, ImmTrac.
8. Review immunization rates and how we are planning to improve them.

9. Review state funding from the Immunization Grant, types of positions and duties in the program, and the performance measures which are evaluated by the state.

TB Elimination Services (Texas City or Galveston; depends on when it's scheduled – 938-2217) – Dr. Syed Haidry

1. Review the TB Elimination Services' Standing Delegation Orders.
2. Describe the activities provided by the TB Services and how they relate to essential public health services. <http://www.gchd.org/chn/TB.htm>
3. Observe TB activities that occur in the community (DOT, DOPT, surveillance, public and professional education)
4. Observe TB activities that occur in the clinical setting.
5. Differentiate between TB public health clinics and primary care/medical home clinics.
6. Participate in a TB Services, like contact investigation, QA/Case Management session, disease reporting, quarantine procedures for non-compliant, etc.
7. Explain the funding sources related to TB Services in Galveston County.
8. Discuss the scope of research in TB elimination and identify the resources for obtaining new literature.

Women Infant's and Children (WIC) Program (2000 Texas Avenue Texas City 949-3471) – Tiffany Rice

1. Introduction to WIC: By Program Manager <http://www.gchd.org/chn/wic.htm>
 - What is WIC
 - Why was the WIC Program Developed
 - Origins of WIC
 - Why was the Program Proposed/The Establishment of WIC
 - WIC in Texas
2. Discuss the Benefits of WIC: By Program Manager
3. Review WIC Eligibility and Services: By Program Manager
 - Who is Eligible to Participate in WIC
 - Services Provided by WIC
 - Nutrients: The Food-Voucher System and Food Packages
4. Understand/Observe How WIC Works: By Program Manager and Texas City WIC Staff
 - Greeting
 - Entire WIC Assessment
 - Counseling
 - Evaluation
 - Scheduling the Next Appointment
 - Immunizations
5. Observe Nutrition Education Class: By Texas City WIC
6. Explain the Special Services Available to WIC Participants: By Program Manager
 - Peer Counselor Program Services
 - Registered Dietitian Services
 - Lactation Consultant Services
 - School Services
 - Obesity Prevention Classes

7. Explain WIC's Procedures for Referrals: By Program Manager
8. Q & A: With Program Manager

Office of Environmental Health Programs (1205 Oak Street, La Marque 938-2319) – Ronnie Schultz

1. Obtain a brief overview of the Office of Environmental Health Programs, Air and Water Pollution Services, Animal Services, Consumer Health Services and Public Health Laboratory Services (Director) <http://www.gchd.org/ech/index.htm>
2. Briefing includes organizational structure, funding and resources, basic information on programmatic responsibilities, types of complaints investigated, types of inspections completed, public outreach and educational opportunities (Director).
3. Question and answer period (Resident and Director).

Air and Water Pollution Services Division (1205 Oak Street, La Marque 938-2319) – Ronnie Schultz or Diane Stevens

1. Continue the overview for the resident with more details into program specific issues (Director or Assistant Program Manager or Environmental Investigator). <http://www.gchd.org/pollution/index.htm>
2. Resident will observe one or more of these field activities. Grease Trap Inspections, Stage II Vapor Recovery at Gasoline Stations Inspection, Air or Water Pollution complaints reported by a citizen, Waste Water Treatment Plant Inspection, Air Monitoring, and Water Sampling (Environmental Investigator).
3. Resident will be provided information on the investigation or inspection process, have access to the paperwork required to prepare for an inspection and for the post inspection, discussion about our enforcement responsibilities, and how we resolve air and water related concerns in Galveston County. Preparation for an air or water sampling event, chain of custody forms, and sample relinquishment to the public health laboratory personnel (Environmental Investigator).
4. Resident will be exposed to air and water pollution monitoring equipment, calibration techniques and field use (Environmental Investigator).
5. Resident may be in dirty environments.
6. Question and answer period (Director or Assistant Program Manager or Environmental Investigator and Resident).

Recommended Dress: Casual (jeans and tennis shoes recommended). No open toed shoes. Sunscreen and a hat recommended during hot months and bottle of water. May require the donning of safety equipment (to be provided by the Division).

Consumer Health Services (1205 Oak Street, La Marque 938-2457) -Marty Entringer

1. Continue the overview for the resident with more details into program specific issues to include discussions about food safety inspections, on-site sewage facilities, animal establishment inspections, public health nuisance investigations, etc. (Program Manager or Work Coordinator or Sanitarian). <http://www.gchd.org/ech/consumer.htm>
2. Observe a food safety inspection with a sanitarian (Sanitarian).
3. Will learn about the Texas Food Establishment Rules for food safety, how these rules are applied in the field, tools used during the inspection, documentation of the inspection (Sanitarian).

4. Resident will witness the post-inspection meeting with establishment manager (Sanitarian)
5. Resident will also learn about the enforcement procedure (Sanitarian).
6. Resident may be in dirty areas.
7. Question and answer period (Program Manager, Work Coordinator, or Sanitarian)

Recommended Dress: *Casual (slacks, shirt, shoes – may get dirty), jeans and tennis shoes highly recommended (no open toed shoes).*

Animal Services (3412 Loop 197 North, Texas City 948-2485)

1. Continue the overview for the resident with more details into program specific issues (Program Manager or Animal Control Officer). http://www.gchd.org/animal_shelter/index.htm
2. Resident will be provided a tour of the animal shelter and shelter operations (Program Manager or Animal Care Technician Work Coordinator or Animal Care Technician).
3. Resident will be exposed to the animal control regulations enforced by the Health District's Animal Control Officers (Animal Control Officer).
4. Resident will accompany the ACO on calls in the field. Resident will observe the officer respond to citizen call, dog capture techniques, transportation to shelter and the animal intake process at the shelter (Animal Control Officer)
5. Resident may be exposed to a bite case investigation. May accompany the Animal Control Officer on the documentation of the victim interview, capture of the animal, animal intake into the quarantine area and the documentation of the bite case.
6. Resident may be in dirty areas.
7. Questions and Answers (Program Manager, Animal Care Technician, Animal Control Officer).

Recommended Dress: *Jeans and tennis shoes (no open toed shoes) or shoes to protect feet. Sunscreen and a hat recommended during hot months and bottle of water.*

Public Health Preparedness Program (1207 Oak Street, La Marque 938-2275)

Brian Rutherford

<http://www.gchd.org/bt/btindex.htm>

1. Get an overview of the PHP program from Public Health Planner - Brian Rutherford
2. Review Health District emergency response plans and the role of the Health District in response to identified hazards in Galveston County
3. Participate in local planning by attending a Galveston County Emergency Response Collaborative or other local planning meeting
4. Learn about the efforts in regional planning and coordination of preparedness activities with other health departments.
5. Understand the National Incident Management System (NIMS) and Incident Command Structure (ICS) and its importance in planning and response.
6. Learn about notification protocols that are used to properly inform stakeholders when emergencies occur.
7. Understand chain of custody and how important is it when collecting environmental samples for submission to the Laboratory Response Network (LRN) lab.
8. Become familiar with the Strategic National Stockpile and the roles of staff and volunteers to receive it and dispense it to the general public
9. Learn about the importance of public information in an emergency
10. Become familiar with BioWatch, CHEMPACK, the Health Alert Network and other initiatives to detect, inform and respond to public health threats.

11. Learn about disease control measures such as isolation or quarantine that may be implemented in a community and the legal basis for such actions.

Epidemiology (1207 Oak Street, La Marque, 938-2322) – Dr. Dana Beckham

1. Obtain an overview of program activities <http://www.gchd.org/epidemiology/index.htm>
2. Review the notifiable conditions in Texas, Texas Health and Safety Code Chapter 81, and The Health Insurance Portability and Accountability Act of 1996 (HIPAA) guidelines for epidemiology <http://www.gchd.org/epidemiology/notecondition.htm>
3. Review the 24/7 disease reporting protocol: what, when, where and how to report
4. Observe how disease reports are received, confirmed and investigated by the program
5. Review several communicable disease investigation/condition processes including close contact prophylaxis: elevated lead levels, pertussis and meningococcal disease
6. Become familiar on how the Health District submit reports to the state using the NBS database
7. Discuss the Public Health Information Network (HAN) and invite them to join
8. Discuss the surveillance activities that are undertaken in epidemiology:
 - ISD school
 - Real time Outbreak Disease Surveillance (RODS)
 - Flu surveillance
 - Active surveillance with the hospitals (UTMB, Mainland Medical Center)
9. Discuss animal bites and rabies post-exposure prophylaxis <http://www.gchd.org/epidemiology/rabiesPostexposureProphylaxis.pdf>
10. Discuss the morbidity in Galveston County
11. Review the GCHD Annual Epidemiology Summary-2005 <http://www.gchd.org/epidemiology/2005EpiSummary.pdf>
12. Hand out Disease Reporting Packet:
 - Disease report form
 - Varicella report form
 - 24/7 disease reporting protocol
 - Morbidity report/VPD morbidity report
 - Reference information sheet
 - Immunization information
 - FAQ sheets on communicable diseases
 - Rabies power point handout for medical providers
 - Applications: HAN and MRC

EMS (4700 Broadway, Galveston, 765-2524) – Mike Carr, JD

1. Receive briefing and overview of program activities from manager – Michael Carr. <http://www.gchd.org/ems/index.htm>
2. Understand how GAAA operations fit into the Emergency Medical Services System in Galveston County and the State of Texas.
3. Participate in management and staff meetings to understand the provision of EMS in Galveston County.
4. Review current Texas statutes and rules affecting EMS provision.
5. Participate in response activities with field supervisors and 911 response crews.

6. Become familiar with local response databases and state reporting systems, including types of information kept in the databases, how they are used in the state to document and prevent injury and illness.
7. Understand the role of EMS field response in relation to the “traditional” public health functions.
8. Review funding sources for operations and the measures used to evaluate performance of the system.
9. Understand the relationship between clinical practice of medicine, the pre-hospital treatment of the sick and injured, and the role of public health.

Dental Clinic (2000 Texas Avenue, Texas City, 949-3445) – Dr. Foster

1. Consideration of the medical health of dental patients before beginning dental treatment by obtaining a patient history. <http://www.gchd.org/4cs/dental.htm>
2. Patient history to establish a positive professional relationship.
3. Patient history to provide information concerning the patient’s past and present medical, dental, and personal history.
4. Medical history to aid in understanding of the physical and mental health of the patient.
5. Current medical problems and their treatment should be identified.
6. Past medical problems should be identified and evaluated for residual effects if any.
7. Understanding of many systemic diseases that affect the oral cavity which may lead to diagnosis of other systemic disease through appropriate medical referral.
8. Systems review of cardiovascular, respiratory, central nervous, gastrointestinal, genitourinary, musculoskeletal, endocrine, integument, ears and eyes, and vital signs.
9. Understanding the analysis of responses to the systems review.

Exit Interview with CEO/designee (1207 Oak Street, La Marque) – Dr. Mark Guidry

1. Review resident's written report of his/her experiences
2. Discuss resident's learning objectives self-assessment of rotation
3. Discuss relationship between public health and medicine
4. Discuss rotation evaluation

Directions to Health District
Locations from Galveston Island

1207/1205 Oak Street, La Marque

45 N to Exit #7A (Texas City/La Marque)
Onto Hwy 3 North
2nd light make a right onto Ross Street
1st street make left (Oak)
1207 first buildings on your right
1205 second building on your right

2000 Texas Avenue, Texas City (Community Family Center)

45 N to Exit #7A (Texas City/La Marque) Onto TX-146 North
Continue on TX 197 Loop North
Turn left on 14th Street
Turn left on Texas Avenue; clinic on right in Community Family Center

TB Clinic – located in the 4C's clinic

WIC – located in Suite 631

Dental Clinic – located in the 4C's clinic

4700 Broadway, Galveston (Island Community Center)

TB Clinic – located in the 4C's clinic use main entrance of building

EMS & STD/HIV – located on west side of Community Center, use west entrance and go into Vital Statistics office and ask for EMS or STD/HIV programs

3412 Loop 197 North, Texas City (GCHD Animal Shelter)

45 N to Exit #7A (Texas City/La Marque) Take Highway 146 North
Make a right onto Loop 197 North
Shelter is located on the left about 1/2 mile pass the gas station.
Shelter is back from the road. Sign is at the entrance.
If you go past the water pump station, you have gone too far.