

## **Description of Resident Rotation: Public Health Elective Rotation**

### **I. General Information**

A. Rotation Length: 2- 4 weeks

B. Faculty: Kenneth Soyemi, M.D. MPH (rotation coordinator)  
Medical Director Center for Acute Disease Epidemiology  
Iowa Department of Public Health

Other staff:

Patty Quinlisk, M.D. MPH – IDPH State Medical Officer  
Dr Ann Garvey, D.V.M MPH – IDPH State PH Veterinarian  
Center for Acute Disease Epidemiology Staff

C. Logistics: Residents will participate in a variety of experiences that can be structured to meet their needs and interests. The resident will need to contact Dr. Soyemi (242-3892) at least one month prior to the rotation to discuss possible options that can be pursued during the rotation. Reading materials will also be provided to help the resident select an area to participate in during the one month rotation.

### **II. First Day Orientation**

A. The resident will report to Dr. Soyemi's office at 8:30 a.m. on the first day of the rotation, unless other arrangements have been made. His office is located in the Lucas State Office Building on the fifth floor at 321 E. 12<sup>th</sup> Street in Des Moines.

B. Dr. Soyemi and staff will introduce the resident to the other epidemiologists and Personnel at the Iowa Department of Public Health.

### **III. Objectives and Description of Rotation**

A. The primary educational purpose of this rotation is to provide the resident with a broad introduction to public health issues. The resident will learn the function of the State Department of Public Health, including its legal basis and the different divisions and responsibilities of each division.

B. The principal teaching method will be working with physicians and epidemiologists from the division(s) of greatest interest to the resident. The resident may choose to

spend a majority of his/her time working in one of the following areas: 1) environmental health, 2) chronic diseases, 3) family and community health, 4) substance abuse and health promotion, and 5) infectious disease monitoring and prevention.

C. Areas to be reviewed during the month with each resident include:

1. Computer support for completing epidemiology studies and disease surveillance.
2. How to perform an investigation during an acute disease outbreak.
3. Basic principles of applied field epidemiology.
4. Basic biostatistics applications.
5. Basic data analysis during outbreak investigations.

D. During the month, the resident may be able to publish a paper in their area of chosen interest, given time and subject constraints. Dr. Soyemi and other staff can assist in selecting an area to study and writing up the results.

#### **IV. Ancillary Education Materials**

A. The resident can review a syllabus of articles from Dr. Soyemi. Additional readings will be provided specific to projects the resident may participate in during the rotation.

B. Additional reading resources and textbooks are available in the Iowa Department of Public Health library.

C. Grand Rounds are offered twice monthly from 8:30 a.m. to 11:30 a.m. on Thursdays in the Department's conference room on the 6<sup>th</sup> floor of the Lucas State Office Building (schedule to be provided).

#### **V. Patient Care**

A. The resident will attend Thursday morning conferences and Monday, Wednesday, Friday noon conferences during the rotation (unless excused absence requested due to rotation responsibilities).

B. The resident will attend his/her afternoon continuity of care clinics during the rotation.

C. Residents will need to be free by 4:30 pm. on weekdays when they are on-call. A list of scheduled call days for the month should be provided to Dr. Soyemi prior to the start of the rotation.

D. There are no weekend responsibilities during this rotation.

## **VI. Evaluation**

At the end of the rotation, the resident will be evaluated by the supervising faculty. Personal feedback will be provided and a written evaluation form will be completed and returned to the residency office. The written evaluation form will be reviewed and signed by the resident and will be kept in the resident's confidential file for future reference.

The resident will be evaluated by faculty in each of the required six general competency areas as follows:

1. **Patient Care:** Demonstrate the ability to effectively evaluate information concerning a variety of different public health concerns encountered during the rotation.
2. **Medical Knowledge:** Demonstrate an understanding of how common public health Problems encountered during the rotation are addressed.
3. **Practice-Based Learning:** Demonstrate ability to identify gaps in knowledge and skills in the public health area and demonstrate real-time strategies to address these gaps.
4. **Interpersonal and Communication Skills:** Demonstrate adequate communication abilities in dealings with problems encountered during the rotation. Demonstrate timely and complete records.
5. **Professionalism:** Demonstrate respectful behavior towards colleagues and other allied health personnel. Always safeguard protected or confidential information.
6. **Systems-Based Practice:** Collaborate with Public Health Department physicians and staff to assure that timely, comprehensive assessment of information with appropriate follow-up is arranged.