

CDC Preventive Medicine Residency and Fellowship 2017–2018 Curriculum At-a-Glance

Applied On-the-Job Experience

1. Participate in public health activities at assigned practicum site with the guidance of a qualified supervisor to be maximally engaged in executive and leadership activities at the site
2. Evaluate a public health program
3. Manage a public health project
4. Participate in developing or revising public health policy
5. Participate in a community-based public health intervention
6. Write or review a grant proposal
7. Teach epidemiology in the EIS summer course
8. Complete self-paced study materials available on-line

Didactic Learning Experiences

A. Participate in Train-the-Trainer Course (5 days)

B. Participate in Orientation (Skill-Building and Leadership Courses) (21 days)

Leadership and Management

1. Assessment Center
2. Negotiation
3. Managing Public Health Projects
4. Debate
5. Situational Leadership
6. Coaching I and II
7. Coalition Building
8. Public Health Leader Panel
9. Program Evaluation
10. Management Practices at CDC
11. Funding Opportunity Announcement (FOA)

Preventive Medicine and Population Health

12. Population Health – What is it and How to Measure it
13. Population Health 101 and Case Study
14. Community Intervention – Healthy Swimming: Building Community Collaborations for Public Health Activities
15. Community Health Needs Assessment and Alums' Projects
16. CDC Community Guide
17. Policy Process at CDC
18. Public Health Law
19. Prevention Informatics

Medical Knowledge (Occupational Medicine, Environmental Health, and Chronic Diseases)

20. Traditional Environmental Health Services
21. Principles of Industrial Hygiene
22. Occupational Health and Safety in Practice
23. Heavy Metal and Solvent Toxicity
24. Heat, Noise, and Ergonomics
25. Air Quality and Asthma
26. Principles of Environmental Hazard Assessments
27. Public Health Policies, Hazard and Risk Assessment
28. Case Presentation – Community Environmental Hazard, Libby, MT
29. Pesticide Exposures
30. Aerospace Medicine
31. Cancer Prevention and Screening
32. Cardiovascular Disease
33. Nutrition, Physical Activity, and Obesity
34. Tobacco
35. Injury Prevention and Control
36. Diabetes
37. Arthritis and Aging

C. Participate in Monthly Population Health and Preventive Medicine Webinars – Preventive Medicine Grand Rounds (total about 2.5 days)

1. Topics focus on leadership and management approaches to population health issues

D. Participate in the Health Policy Orientation and CDC Washington Office (4 days)

E. Participate in a National Preventive Medicine or Public Health Conference (4 days)

F. Attend Epidemic Intelligence Service (EIS) Conference (4 days)

