Public Health Certificate Program (PHCP)

• What is public health?
  ➢ “Public health is the science of protecting and improving the health of families and communities through promotion of healthy lifestyles, research for disease and injury prevention and detection and control of infectious diseases.”
  http://www.cdcfoundation.org/content/what-public-health

• Why public health?
  ➢ “NIH’s mission is to seek fundamental knowledge about the nature and behavior of living systems and the application of that knowledge to enhance health, lengthen life, and reduce illness and disability.”
Public Health Certificate Program (PHCP)

- Goal: To add public health training to the doctoral curriculum
- Mechanism:
  - Formal Coursework in Public Health
  - Public Health Project
  - PHCP Seminar Series

Co-Directors:
Hillary Nelson, PhD MPH
Mike Z. Levy, PhD
Public Health Certificate Program (PHCP)

• What are PHCP alumni doing now?
  – Faculty positions
  – Postdoctoral fellow positions
  – Lead Molecular Biologist for the Newborn Screening Program at the New Jersey Department of Health (this followed an ASPL/CDC Emerging Infectious Disease fellowship)
  – Officer, Biomedical Programs at The Pew Charitable Trusts (this followed a position at ETHOS Communications)
  – NIH CPEP Accredited Microbiology Fellow
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- Formal Coursework in Public Health:
  - Biostatistics (through BGS)
  - Epidemiology (required)
  - Three electives, such as:
    - Introduction to Public Health
    - Issues in Global Health
    - Public Health Law
    - Methods for Public Health Practice
    - Media, Advocacy, and Public Health
    - Public Health Theories and Frameworks
    - Achieving Evidence-Based Health Policy
    - Epidemiology of Infectious Disease
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• Public Health Project (recent examples):
  – “Energize the Chain: Impact Assessment Framework”
  – “Trends in Antibiotic Resistance of Staphylococcal Veterinary Isolates”
  – “Utilizing Philadelphia STD Clinic Data to Analyze the Status of Chlamydia in MSM”
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- Public Health Seminar Series (all welcome!):
  - Tuesdays (bi-weekly) at 8:30 am in the Fall
  - Wednesdays (bi-weekly) at 8:30 am in the Spring
  - Fall 2016 speakers include:
    - Chris Vinnard (Professor, Rutgers)
    - Shelley Rankin (Professor, Penn Vet)
    - Kendra Viner (BGS Alum; Philadelphia Dept of Public Health)
    - Jamie Lemon (PHCP alum; NIH CPEP fellowship)
    - Nate Snyder (PHCP alum; Professor, Drexel University)
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- **Current BGS students in PHCP:**
  - IMMUN: Sarah Sneed, Andrew Hart, Sophia Reed
  - PHARM: Yuxiang Zhang
  - BMB: Jamie DeNizio, Enrique Lin Shiao, Rina Fujiwara