

# UK College of Public Health

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Director of Student Affairs

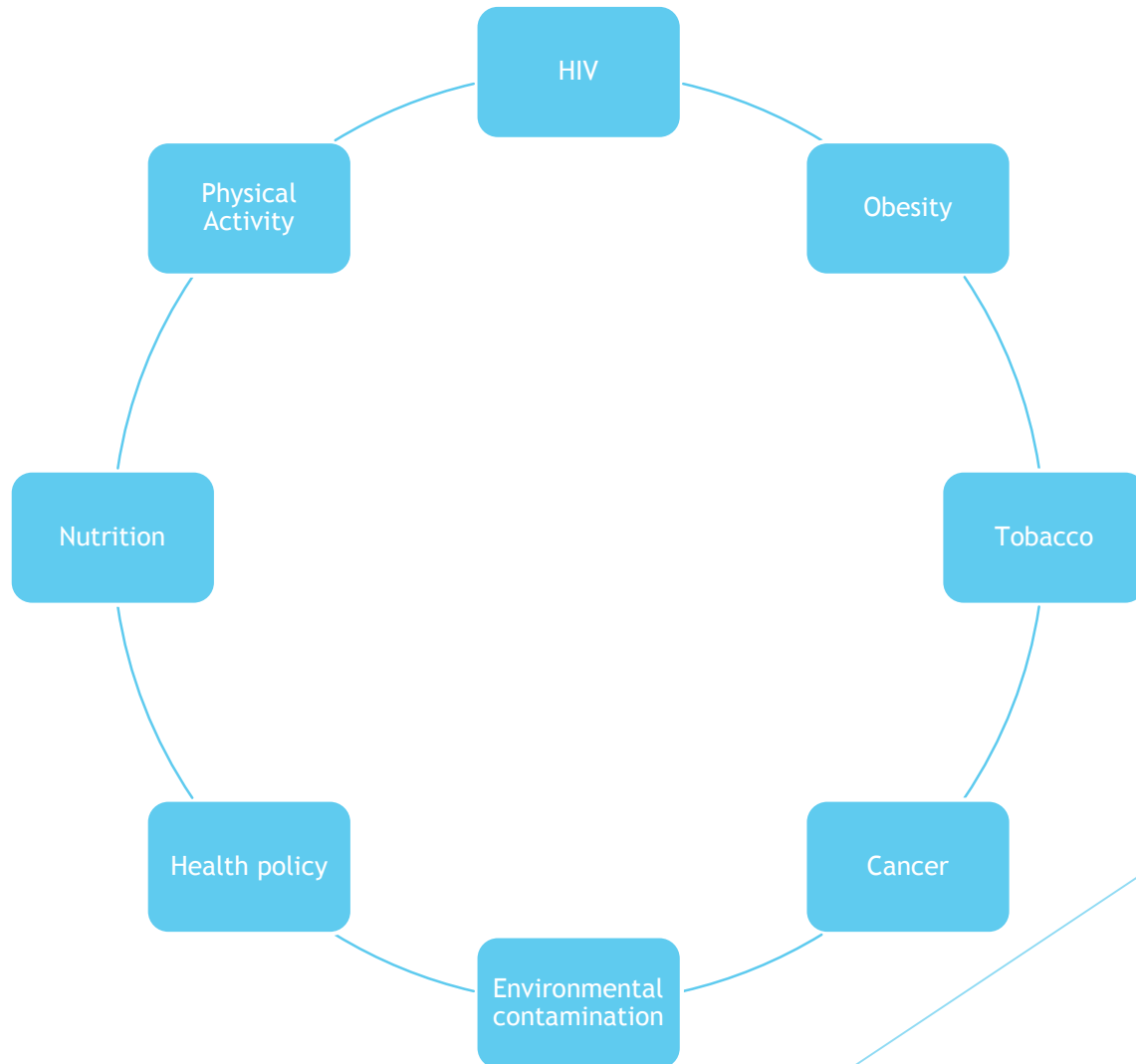
This is Public Health.



# What is Public Health?

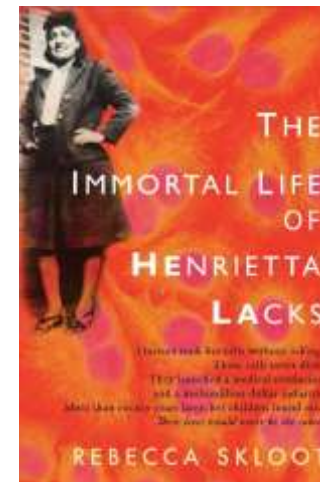
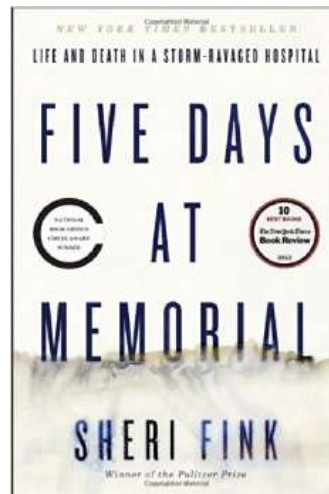
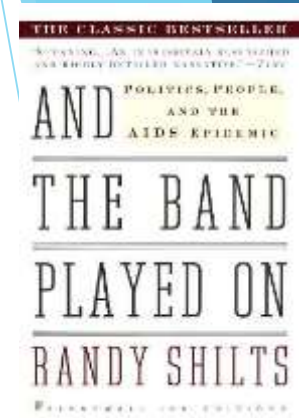
- ▶ The science and art of protecting and improving the **health of communities**
- ▶ Public Health improves the conditions and behaviors that affect the **health of populations**
  - ▶ Education
  - ▶ Promotion of Healthy Lifestyles
  - ▶ Research for Disease and Injury Prevention
  - ▶ Addressing social determinants of health

# Public Health Issues



# Public Health in the Media

- ▶ Erin Brockovich
- ▶ And The Band Played On
- ▶ Dallas Buyers club
- ▶ The Immortal Life of Henrietta Lacks
- ▶ Contagion
- ▶ Plague Inc. (app)
- ▶ 5 Days at Memorial



# Public Health in the News

- ▶ “Researchers are looking for ways to predict Alzheimer’s before it starts”
- ▶ “Malaria vaccine gets regulatory nod from Europe”
- ▶ “Poverty: Most damage is to a child’s brain”
- ▶ “Lack of education as deadly as smoking”
- ▶ “How to make cancer drugs more affordable”
- ▶ “Case study of aggressive vaccination outcomes”
- ▶ “New Pap smear schedule lead to fewer chlamydia tests, new study suggests”
- ▶ “Lack of knowledge on animal disease leaves humans at risk”

# Careers

- ▶ Global/international health
- ▶ Non-profit organizations
- ▶ Health departments
- ▶ Research assistant
- ▶ Hospitals
- ▶ Universities

# Public Health Nursing

- ▶ Monitor health trends and identify health risks unique to specific communities
- ▶ Design and implement health education campaigns and programs
- ▶ Educate and provide direct health care services to vulnerable and at-risk populations
- ▶ Set priorities for health-related interventions to provide the greatest benefit for the most people



# Public Health Nursing

- ▶ Increased need, especially in medically underserved and low-income communities
- ▶ Work in:
  - ▶ Community clinics
  - ▶ Schools
  - ▶ Outpatient clinics
  - ▶ Government agencies
  - ▶ Non-profits
  - ▶ Correctional facilities
  - ▶ Worksites
  - ▶ Homes

# Potential Job Titles

- ▶ Local Health Nurse
- ▶ Nurse Specialist—School Health
- ▶ Public Health Nurse Specialist—Communicable Disease
- ▶ Home Health Nurse
- ▶ Infection Control Nurse
- ▶ Research Nurse
- ▶ Community Health Nurse

# UK College of Public Health

- ▶ Bachelor of Public Health
- ▶ Masters Degrees
  - ▶ MPH = Master of Public Health
  - ▶ MHA = Master of Health Administration
- ▶ Doctoral Degrees
  - ▶ DrPH = Doctor of Public Health
  - ▶ PhD in Epidemiology/Biostatistics
  - ▶ PhD in Gerontology
- ▶ Dual Degrees
  - ▶ MD/MPH
  - ▶ PharmD/MPH
  - ▶ JD/MHA
- ▶ Graduate Certificate Programs
  - ▶ Biostatistics
  - ▶ Gerontology
  - ▶ Global Health
  - ▶ Maternal and Child Health
  - ▶ Public Health Management

# Core Areas of Public Health

Biostatistics

Environmental Health

Epidemiology

Health Behavior

Health Management and Policy

# UK College of Public Health

- ▶ UK doing a lot of research to alleviate health disparities in Appalachia
  - ▶ Rural Cancer Prevention Center
  - ▶ Ohio Valley Appalachia Regional Geriatric Education Center
  - ▶ Central Appalachia Regional Education and Research Center
- ▶ Faculty research in Appalachia
  - ▶ Nonmedical use prescription drugs (OxyContin, etc)
    - ▶ Hepatitis C and HIV transmission
  - ▶ Cervical cancer screening and HPV vaccination
  - ▶ Occupational safety (i.e. mining)

# ADMISSIONS

- ▶ Application to the college through [www.sophas.org](http://www.sophas.org)
- ▶ Supplemental Application to the UK Graduate School, <http://www.research.uky.edu/gs/>
- ▶ Because of the breadth of the public health profession, a bachelor's degree in any major field will be considered
- ▶ GRE required (will also accept MCAT and GMAT)

# Contacts

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