CDC, Injury Center, and more importantly, Ann’s Career Path in Injury

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National Center for Injury Prevention and Control
Centers for Disease Control and Prevention
CENTERS FOR DISEASE CONTROL AND PREVENTION (CDC)
Centers for Disease Control and Prevention

- Founded in 1946 as the Communicable Disease Center to help control malaria, typhus and other communicable diseases.

- As a federal Agency within DHHS, CDC/ATSDR has the unique role to lead and serve the Nation’s efforts in public health.
Core Priority Areas

Dr. Thomas Frieden
CDC Director and
ATSDR Administrator

• Strengthening epidemiology and surveillance
• Supporting state and local public health
• Providing leadership in global health
• Applying effective health policy
• Addressing leading causes of death and disability
Priority Winnable Battles

- Tobacco
- Nutrition, physical activity, obesity, and food safety
- Healthcare-associated infections
- Motor vehicle injury prevention/Road safety
- Teen pregnancy prevention
- HIV prevention

- (Unofficial WB) prescription drug overdose
NCIPC Vision

We will put injury and violence prevention on the map as the premier public health achievement of the century decade.
NCIPC Mission

To prevent injuries and violence and reduce their consequences so that people can live to their full potential
Division of Violence Prevention

Mission

- Prevent violence through surveillance, research and development, capacity building, communication, and leadership

Focus areas

- Child maltreatment
- Data and statistics
- Elder abuse
- Intimate partner violence
- Sexual violence
- Suicide
- Youth violence
Division of Violence Prevention
Funded Programs and Activities

- **Academic Centers for Excellence (ACEs) on Youth Violence Prevention**
  - Connect academic and community resource to study and create lasting ways to prevent youth violence

- **Domestic Violence Enhancement and Leadership Through Alliances (DELTA)**
  - Seeks to reduce the incidence of intimate partner violence through funded communities

http://www.cdc.gov/injury/FundedPrograms/programs.html
Division of Violence Prevention
Funded Programs and Activities

- National Violent Death Reporting System (NVDRS)
  - State-based surveillance system that links data from law enforcement, coroners and medical examiners, vital statistics, and crime laboratories to states in designing and implementing prevention and intervention efforts

- Rape Prevention and Education (RPE) Program
  - Goal: to strengthen sexual violence prevention efforts
  - RPE operates in all 50 states, the District of Columbia, Puerto Rico, and six U.S. territories

http://www.cdc.gov/injury/FundedPrograms/programs.html
Division of Analysis, Research and Practice Integration

Mission

- To bridge science and practice to prevent violence and injuries, and reduce their consequences

Oversees

- Core Violence and Injury Prevention Program
- Injury Control Research Centers
- Web-based Injury Statistics Query and Reporting System (WISQARS)
- Evaluation activities
Core Violence and Injury Prevention Program

Funding and technical assistance to 20 state health departments

Strengthen capacity to collect and use data; science into action

Injury Control Research Centers (ICRCs)

- 1987 funding began for ICRCs to study ways to prevent injuries and disabilities
- Conduct research in all three core phases of injury control
  - Prevention, acute care, and rehabilitation
- Serve as training centers and information centers for the public
- Research design in these centers is interdisciplinary
  - medicine, engineering, epidemiology, law, and criminal justice, behavioral and social sciences, biostatistics, public health, and biomechanics

Division of Unintentional Injury Prevention

Mission: to ensure that people of all ages—from infants to older adults—have safe and healthy lives.

Focus areas
- Transportation Safety
- Home and Recreation
- Prescription Drug Overdose
- Traumatic Brain Injury
NCIPC Focus Areas

- Motor Vehicle-related Injuries
- Violence Against Children and Youth
- Prescription Drug Overdose
- Traumatic Brain Injury
Transportation Safety Team

Public health leadership to keep people safe on the road—every day
Preventing motor vehicle crash injuries and deaths is a CDC “Winnable Battle”

What is a winnable battle?

- We know what works
- Potential for significant impact
- Scalable
- Able to evaluate our success
Current Team Priority Areas

- Belts and seats
- Alcohol-impaired driving
- Teen road safety
- Tribal road safety
Enough prescription painkillers were prescribed in 2010 to medicate every American adult around-the-clock for one month.
Prescription Drug Overdose

Increasing Health Care Provider Accountability

Improving Systems to Track Prescriptions and Identify Misuse

Identifying Prevention Policies and Programs that Work

Educating Health Care Providers, Policy Makers, and the Public
Focus on preventing and controlling injuries and associated deaths and disabilities.

- identifying risk factors for injuries
- developing and sharing strategies to prevent them
- and supporting organizations and individuals working to do the same.
Training at CDC & NCIPC

Public Health Training Fellowships
We are looking for motivated students, graduates, and health professionals for a variety of exciting public health training programs.

Student Internships and Fellowships
- High school students
- College students
- Graduate students
- Medical students
- Veterinary students

Post-doctoral Research Fellowships
- Scientists
- Researchers
- Laboratorians
- Public health professionals

Career Training Fellowships
Graduates with bachelor's, master's, or doctoral degree
- Medical or health professionals
- Public health professionals

CDC Training Resources
- CDC Learning Connection
- Minority Health Workforce Internship Opportunities
- Training and Continuing Education Online

Other Public Health Fellowship Programs
- APHL Workforce Development
  - Association of Public Health Laboratories (APHL) offers training and fellowship programs to help scientists prepare for laboratory careers in public health.
- ASPPH Fellowships
  - Association of Schools and Programs of Public Health (ASPPH) offers 1 to 2-year training programs in public health for recent graduates of ASPPH member schools.
- ORISE Internships, Scholarships and Fellowships
  - Oak Ridge Institute for Science and Education (ORISE) offers opportunities for internships, scholarships, fellowships and research experience for science and engineering students and educators.
EIS
(Epidemic Intelligence Service)

A 2-year post graduate experience and on-the-job training for health professionals interested in applied epidemiology.

EIS officer (MD, PhD) with supplies for the 2014 Ebola outbreak response in West Africa.
A unique 3-year service and training program that builds skills in program planning, implementation and evaluation of prevention programs.

1 year at CDC, 2 years in state.

A PHPS fellow collects water samples after the May 2011 flood in Kentucky. The water will be tested for bacteria and heavy metals.
ASPH Internships

Started in 1983 to provide opportunity for students of PH to gain exposure to state-of-the-art PH information and hands-on experience.

12 weeks, full-time

Full or part-time students in master’s or doctoral programs in ASPH member school.
ASPH Fellowships

Started in 1995 to strengthen the relationship between PH academia and PH practice agencies.

1-2 years, full-time, usually begin in Sept

Eligibility: MPH or doctoral degree completed before fellowship begins.
ATPM Fellowships
(Association of Teachers of Preventive Medicine)

1-2 year program for fellow to gain leadership experience in PH practice and policy, access to state-of-the-art technology and national databases, and training with leading experts in the field of preventive medicine and PH.

Eligibility: graduate students, medical residents and early career professionals—depends on position.
True or False?

Ann was a biology major in college who never wanted to go to medical school but really liked the sciences.
Quiz question #2

Number of injury classes before working at NCIPC:

• None
• One
• Everything SDSU and UCLA had on the topic
Thank you!

The findings and conclusions in this presentation are those of the author and do not necessarily represent the official position of the Centers for Disease Control and Prevention.

National Center for Injury Prevention and Control
Division of Unintentional Injury Prevention