



OWCD



Career Paths Programs

Centers for Disease Control and Prevention
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Office of Workforce and Career Development

Undergraduate Public Health Education
American Public Health Association
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Workforce Development

- What jobs and skills are critical to our success?
- How can we ensure that we have these available when we need them?
- How can we optimize our workforce?

Workforce planning helps ensure that organizations have the right talent, in the right jobs, at the right time.

OWCD Vision

*A prepared, diverse and sustainable
workforce*

OWCD Activities and Functions

- Ensure the use of evidence-based practices in workforce through training services and career development programs
- Develop and implement a strategic human capital plan for CDC
- Strengthen leadership development programs
- **Implement and evaluate “pipeline” programs to recruit students and emerging leaders into health professions**
- Enhance the quality and scope of CDC University

Training Model

- **Sample Content**
 - Applied epidemiology
 - Policy development
 - Emergency response
- **Methods of Training**
 - Structured courses, including case studies
 - Exercises, Simulations
 - Required activities on-the-job
 - Mentoring
 - **Experiential learning**

OWCD Fellowships

- Epidemic Intelligence Service
- Preventive Medicine Residency/Fellowship
- Prevention Effectiveness Fellowship
- Public Health Informatics Fellowship
- Public Health Prevention Service
- Emerging Leaders Program (HHS)
- Presidential Management Fellowship (OPM)

Student Electives/Fellowships

- **Epidemiology Elective for Medical and Veterinary Students**
- **Hubert International Fellowship for medical students**
- ***CDC Experience* Medical Student Fellowship in Applied Epidemiology**

Career Paths Programs

- **Create awareness of public health as a career path**
- **Provide technical support for training at middle school, high school, and college levels**

Scope of Career Paths Programs

- Elementary
- High School
- College

Elementary and Secondary School

- **Science Olympiad Program**
 - local, state, and national tournaments
 - **CDC-sponsored Disease Detectives Event: Participants apply Epi principles in public health outbreak scenarios**

Georgia Elementary SO Events

- Barge Building
- Circuit Wizardry
- **Disease Detectives**
- Extinction is Forever
- Food Web
- Measurement & Metrics
- Mystery Architecture
- Mystery Powders
- Reflection Relay
- Rock Hound
- Rubber Band Catapult
- Starry, Starry Night
- Water Rockets
- Weather or Not
- Which Way is North?
- Wildlife Safari
- Write It, Do It
- Simple Machines

Elementary SO at Kennesaw State University



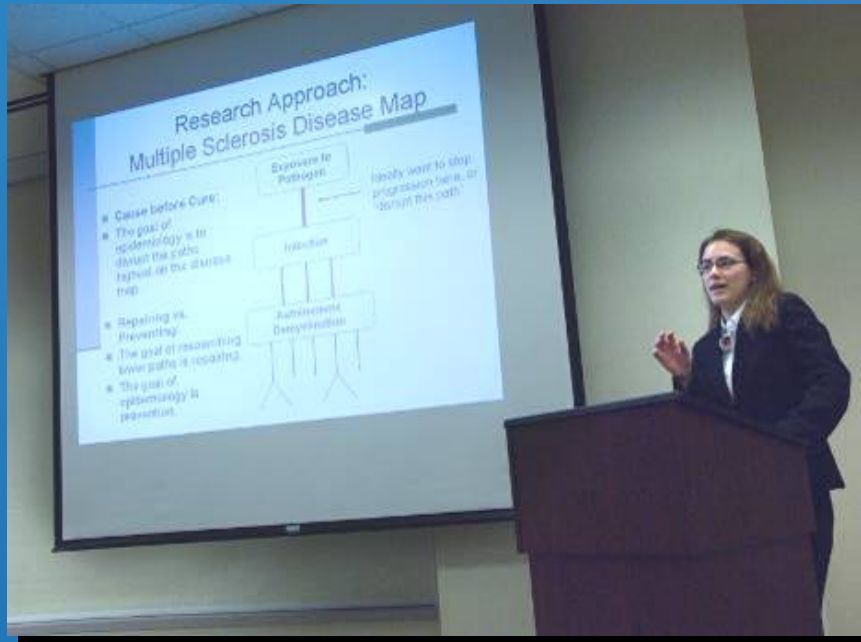
National Science Olympiad Events

- Anatomy
- Awesome Aquifer
- Chemistry Lab
- Circuit Lab
- Designer Genes
- **Disease Detectives**
- Don't Bug Me
- Ecology
- Food Chemistry
- Forensics
- Health Science
- Meteorology
- Oceanography
- Physics Lab
- Remote Sensing
- Robot Ramble
- Rocks and Minerals
- The Solar System
- Tower Building
- Wheeled Vehicle

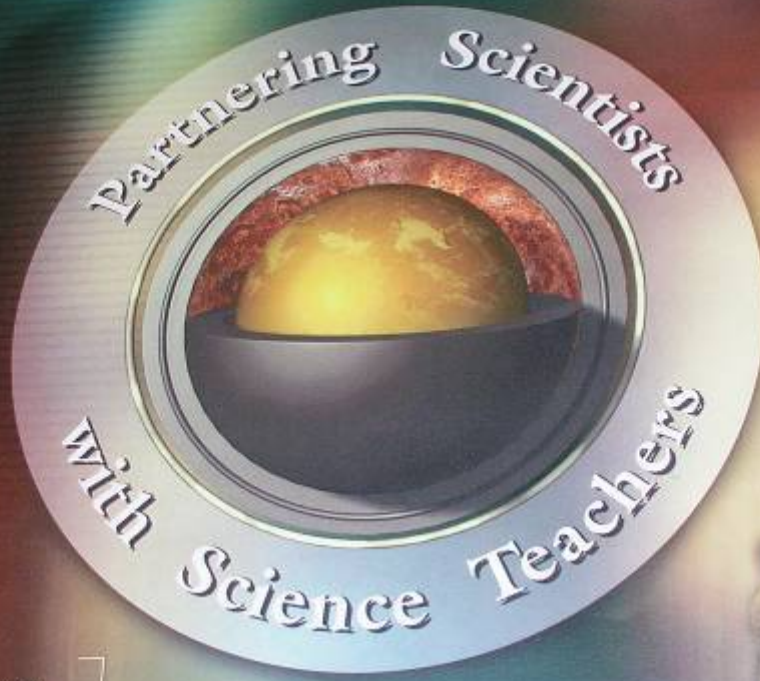
2006 National SO Winners



Young Epidemiology Scholars Program



Science Ambassador Program



A Partnership between
CDC's Office of Workforce and
Career Development and
and science teachers

June 4-8, 2007



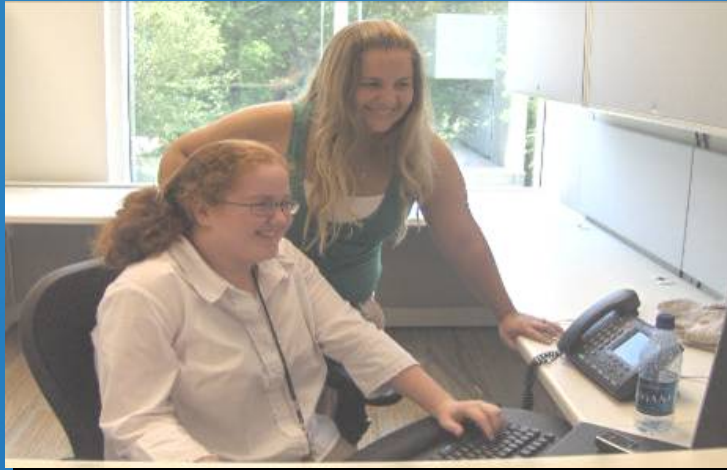
June 2007 SA Class



College Level Interns

- **Appropriate internship projects**
 - Laboratory
 - Analytical
 - Communication
- **OWCD/TSD Oversight**
 - In-processing
 - Orientation
 - Follow up
 - Evaluation

Agnes Scott Interns Summer 2007

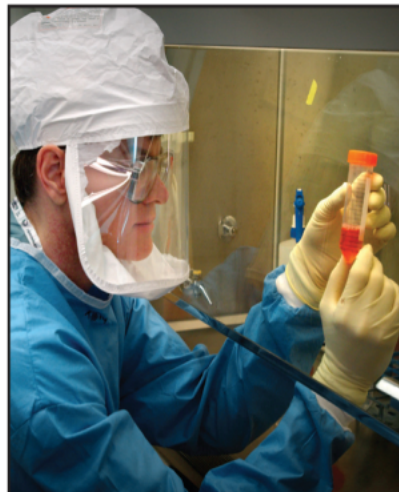


Cooperative Agreement Award

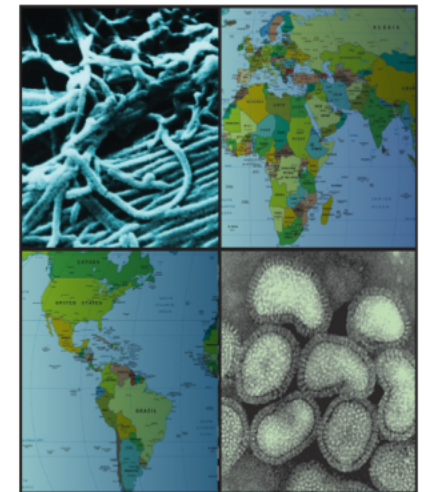
- Fund small projects in several states as pilots or models
- Require sharing and evaluation

UT Collaboration

**BECOME A
DISEASE
DETECTIVE**
*Discover
Public Health!*



*The University
of Texas at Austin
April 4-5, 2006*



Sponsors College of Natural Sciences: School of Biological Sciences, Section of Molecular Genetics and Microbiology, Career Services, Health Professions Office; The University of Texas School of Public Health, Texas Department of State Health Services, Austin/Travis County Health and Human Services Department, Association of Public Health Laboratories

College Level Courses

- Epi 101
- Forensic Anthropology
- Introduction to Public Health



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MMWRTM

Weekly

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Notice to Readers: Recommendations for Public Health Curriculum — Consensus Conference on Undergraduate Public Health Education, November 2006

Web addresses for several of CDC's Public Health "residencies"

- EIS — www.cdc.gov/EIS
- PMR/F — www.cdc.gov/epo/dapht/pmr.pmr.htm
- PEFP — www.cdc.gov/epo/fellow.htm
- PHIFP — www.cdc.gov/phtrain.informatics.html
- PHPS — www.cdc.gov/epo/dapht/phps.htm
- ELP — learning.hhs.gov
- PMF — www.cdc.gov/owcd/pmf
- Others — see www.cdc.gov/phtrain

Web addresses for CDC's Student Programs

- Epidemiology electives —
www.cdc.gov/eis/applyeis/elective.htm
- Hubert International Fellowship —
www.cdcfoundation.org/fellowships/ochubert/index.aspx
- *CDC Experience* Fellowship —
www.cdcfoundation.org/thecdceexperience