

Public Health Workforce Development

John D. Lisco, MPH, CHES

Deputy Director

Division of Scientific Education and Professional Development (proposed)

Center for Surveillance, Epidemiology, and Laboratory Services (proposed)

Division of Scientific Education and Professional Development (proposed)



DSEPD's 5 Major Categories of Activities

- 1. Recruiting new talent into public health
(and training in new disciplines)**
- 2. Service and technical assistance**
- 3. Training the existing public health workforce**
- 4. Academic partnerships**
- 5. Workforce strategy**

Recruit and Train New Talent

- **Service and learning fellowships** www.cdc.gov/Fellowships
 - Recruit and train professionals in a variety of applied public health sciences and in public health policy, management, and leadership
- **Career Paths to Public Health** — programs that engage students and promote public health careers for the next generation
- **Student Programs** — 3 – 12 month programs for medical and veterinary students to introduce them to epidemiology population health concepts

CDC's Fellowship Programs More Critical than Ever

- **2-year training programs, similar to the medical residency model but unique within public health**
 - Over 8,000 residencies to train physicians, but only a handful develop the public health workforce
- **Fellows provide service while learning**
 - >400 fellows assigned to state and local public health agencies and CDC
- **Graduates prepared for careers in public health**
 - At least 75% obtain jobs in public health upon completion
 - Leaders around the country and at CDC are graduates of CDC fellowship programs

CDC's Fellowship Programs

www.cdc.gov/fellowships

- **Epidemic Intelligence Service (EIS)**
- **Preventive Medicine Residency and Fellowship (PMR/F)**
- **Public Health Informatics Fellowship Program (PHIF)**
- **CDC Steven M. Teutsch Prevention Effectiveness Fellowship (PEF)**
- **Public Health Prevention Service (PHPS)**
- **Presidential Management Fellows (PMF)**
- **CDC/Council of State and Territorial Epidemiologists' (CSTE)
Applied Epidemiology Fellowship**
- **Emerging Infectious Diseases (EID) Laboratory Fellowships (with
APHL)**
- **Public Health Associate Program (PHAP)**
- **Student programs**

Focus on the Informatics Workforce

- **Public Health Informatics Fellowship Program (PHIFP)**
- **Applied Public Health Informatics Fellowship Program (APHIF)**
- **Informatics Training in Place Program (I-TIPP)**
- **Career Informatics Field Officers (CInFOs)**
- **Training courses for the existing workforce**

Focus on the Informatics Workforce

- **Recognition of informatics as discipline**
 - Collaboration with Department of Labor (DOL) designating PHIFP as a DOL Registered Apprenticeship
 - Lays the foundation for a standard occupational code for the profession of Public Health Informatician
 - Developing standard position descriptions for four levels of career tracks in informatics for CDC and health departments to facilitate hiring and career paths

Service and Technical Assistance

- **Fellows provide service while learning**
- **Fellows provide surge capacity for public health emergencies, both domestic and international**
- **Epi-Aids, Info-Aids, and Econ-Aids**
- **Training for mentors and supervisors**

Training the Existing Workforce

- *CDC Learning Connection* (www.cdc.gov/learning): a one-stop for online and e-learning products
- CDC TRAIN: Learning Management System
- Training and Continuing Education Online (TCEO)
- Core curriculum--PH 101s--for public health sciences: Surveillance, Epidemiology, Informatics, Prevention Effectiveness, Public Health, and Lab
- Quick Learn Lessons for mobile devices

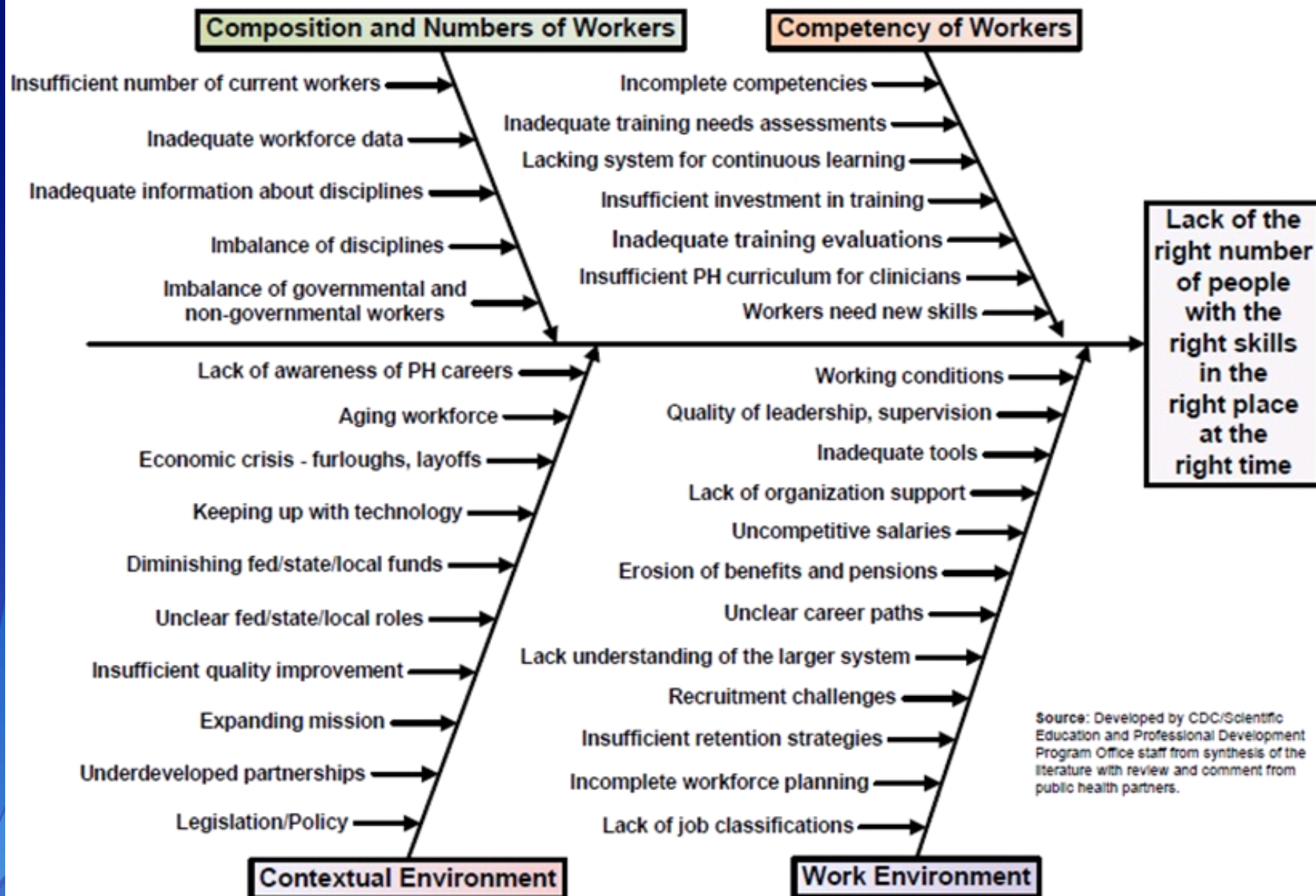
Academic Partnerships

- **Through CDC's academic partners cooperative agreements, provide funding to**
 - Association of Schools and Programs of Public Health (ASPPH)
 - Association for Prevention Teaching and Research (APTR)
 - American Association of Colleges of Nursing (AACN)
 - Association of American Medical Colleges (AAMC)
- **Framework of the cooperative agreement is improving health outcomes**

Academic Partnerships

- **Strengthen academic-practice linkages**
- **Make public health education more practical and better aligned with frontline practice**
- **Improve teaching of population health in health professions education**
- **Enhance interprofessional education and training**
- **Improve hands-on experience for students with communities**
- **Offer an expanded fellowship model: assignments at CDC or in the field**

Factors Affecting the Public Health Workforce



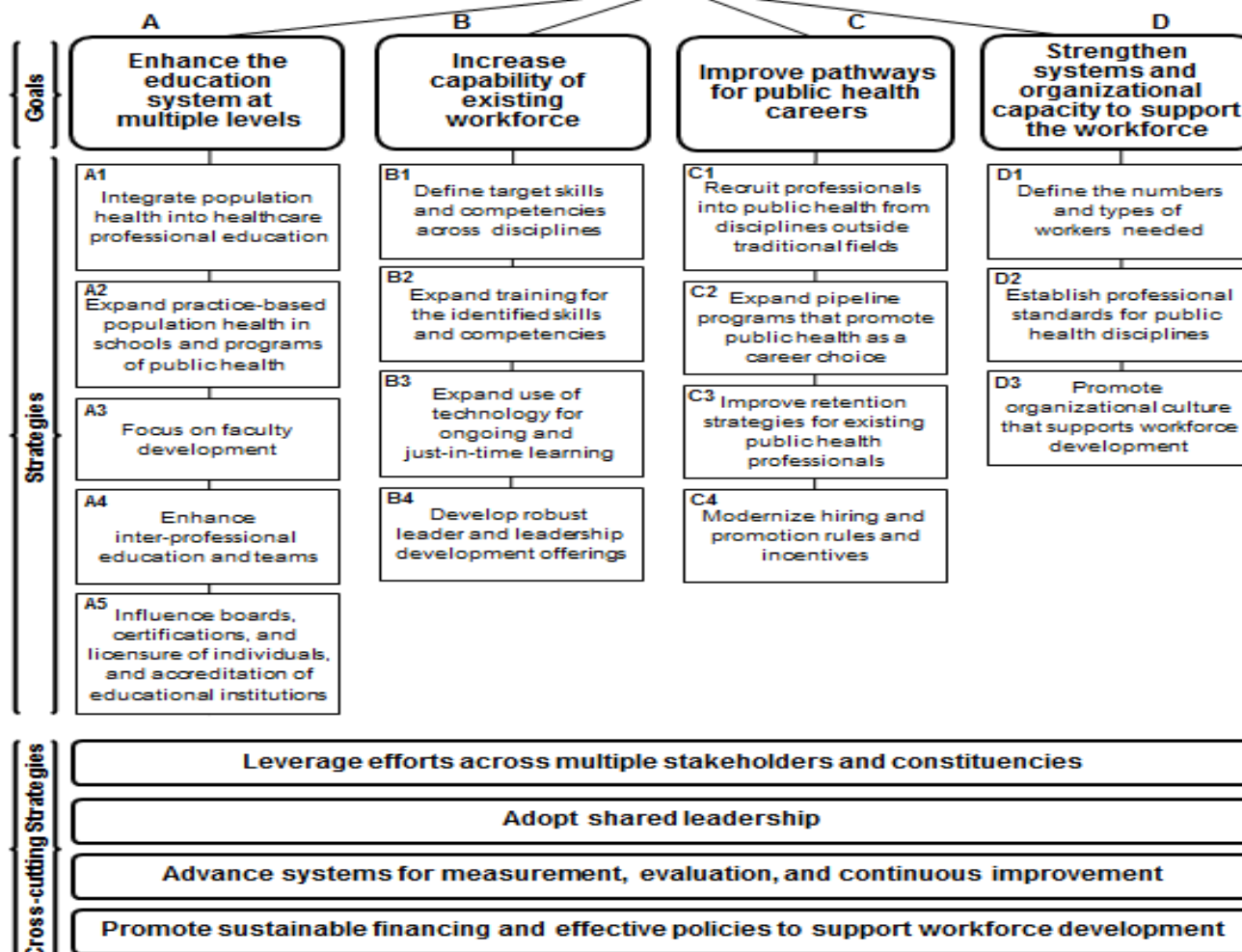
CDC Public Health Workforce Development Initiative

- ❑ Developed Roadmap for the National Public Health Workforce Strategic Framework
- ❑ Convened Public Health Workforce Summit, with over 90 participants from more than 40 organizations (12/2012)
- ❑ Developing National Public Health Workforce Strategic Framework

The National Public Health Workforce Strategy Roadmap 2013

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Purpose:
Strengthen the public health and healthcare workforce to improve the public's health



Thank you!

Questions?

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

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