



Changing the Paradigm - Embracing Quality

Robert Martin, MPH, DrPH, Director
The Division of Laboratory Systems
PHPPO



Department of Health and Human Services

Canadian Rockies - Bugaboos





Quality Institute

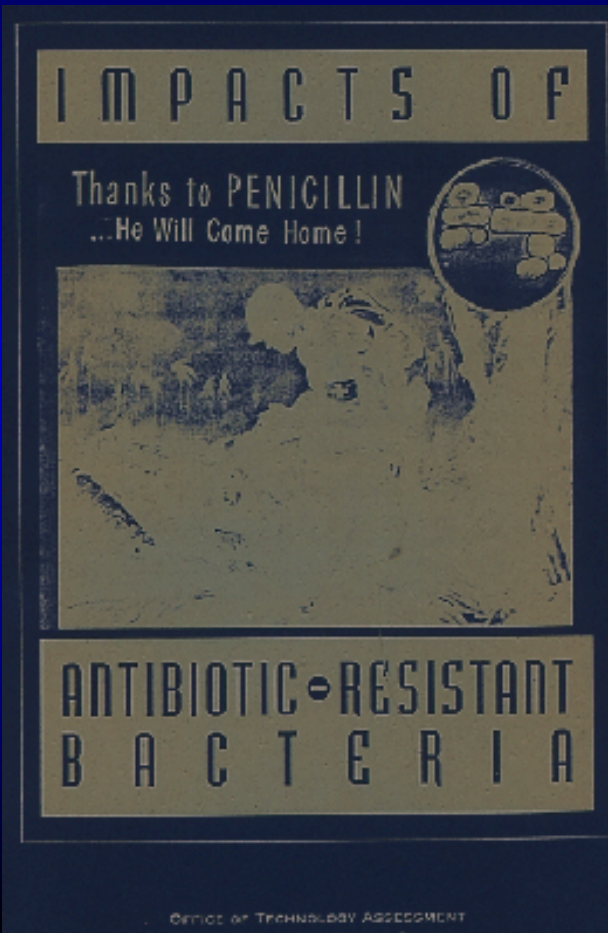
- 7 Billion Tests/Yr (CLIA Data)
- 70% of Medical Decision Making (ASCP)
- Organization of Meeting
 - Perspectives of healthcare sectors
 - Experiences
 - Forum for identifying areas of collaboration
 - National Report
 - Indicators
 - Data collection



Changing the Paradigm

- Unprecedented opportunity
 - Public awareness – SARS, BT, AMR, HIV
 - Public expectation
 - Increased attention to medical errors/patient safety
 - Continuing financial pressure

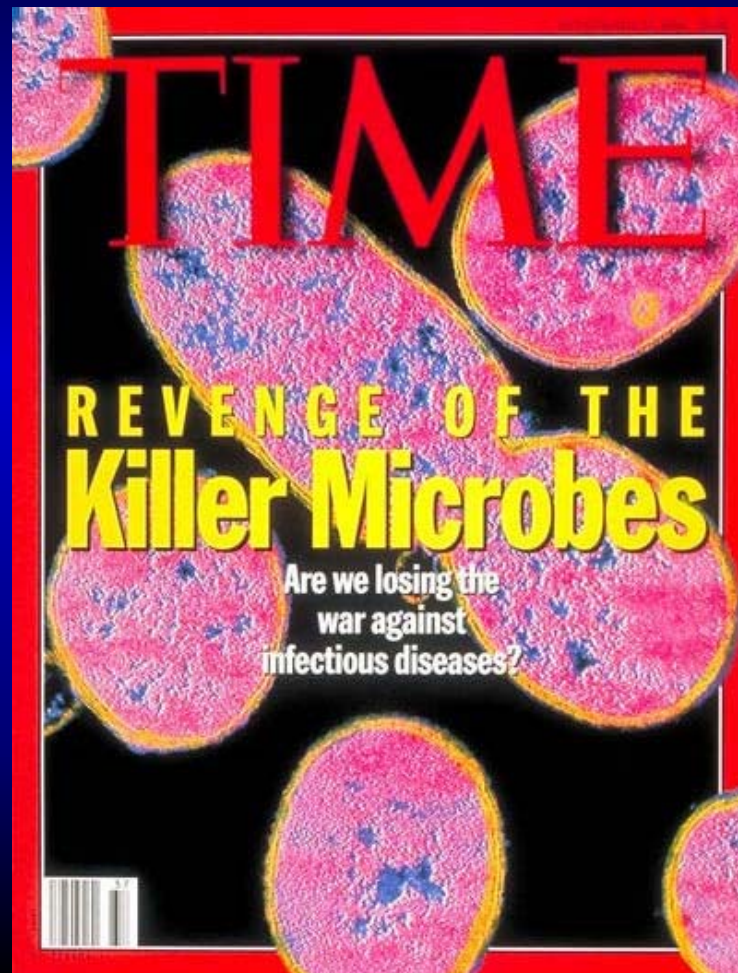
High Expectations



The advent of antibiotics will render infectious diseases a concern of the past. SIR McFARLAND BURNETT, 1961



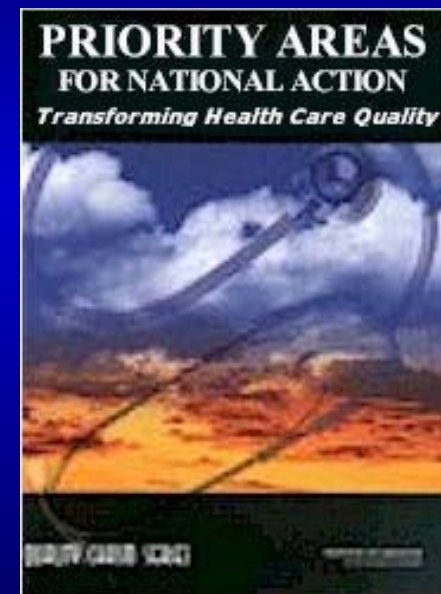
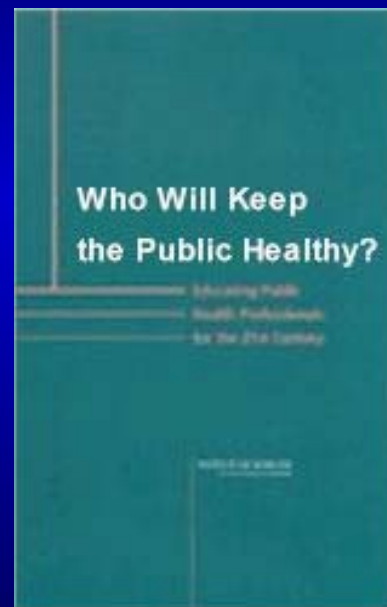
Reality - Antibiotic Resistance



Changing the Paradigm

- Unprecedented opportunity
 - Public awareness – SARS, BT, AMR, HIV
 - Public expectation
 - Increased attention to medical errors/patient safety
 - Continuing financial pressure

IOM Reports



Changing the Paradigm

- Unprecedented opportunity
 - Public awareness – SARS, BT, AMR, HIV
 - Public expectation
 - Increased attention to medical errors/patient safety
 - Continuing financial pressure

Clinical Laboratory Improvement Advisory Committee (CLIAC)



- Workforce Shortages
- HIV Rapid Testing
- Direct Access Testing
- Unregulated Testing

CDC Role

- Provide leadership
- Convene
 - Federal partners
 - Professional organizations
 - Manufacturing
 - Payers
- Conduct research
- Disseminate information



Division of Laboratory Systems

- To improve the quality of laboratory practices by providing a global leadership, fostering partnerships and collaborating as we:
 - Conduct research and surveillance
 - Disseminate information
 - Provide training and education
 - Develop and promote standards and guidelines
 - Assess technologies and their applicationin support of the continuous improvement of the public's health.



National Laboratory System


- The US needs a national laboratory system – J. Hughes, J. McDade 1999, US Medicine




Division of Laboratory Systems, PHPPO

Building Quality Laboratory Systems




- Steering Committee Partner
- Leadership & Liaison for GAP Countries
- Laboratory Systems Development
- Quality Assurance
- Training



CENTERS FOR DISEASE
CONTROL AND PREVENTION



Laboratory Support for the GLOBAL AIDS PROGRAM (GAP)



The Laboratory Technical Support Unit of the Global AIDS Program (GAP), National Center for HIV, TB, and STD Prevention was established to improve laboratory capabilities for surveillance, prevention, and care activities in GAP countries.

Laboratory support for GAP will come from the National Center for Infectious Diseases (NCID/DASTLR), the Public Health Practice Program Office (PHPPPO/DLS), and the Association of Public Health Laboratories (APHL). Our systematic approach will necessitate consultation with the host country and partners on programmatic needs.

Specific activities include:

- coordinating technical and programmatic laboratory support from CDC and all partner organizations to GAP countries;
- reinforcing CDC technical capacity to respond to GAP country needs;
- consulting with partners to craft GAP laboratory policies based on best practices, and represent such policies to governmental, regional and international organizations;
- negotiating bulk procurement of reagents and supplies from which field directors may draw; and
- coordinating the assessment of new lab products or techniques and advising field directors on their utility.

GAP Contacts:
Austin Demby, Ph.D. Telephone: (404) 639-8258 Email: ADemby@cdc.gov
Peter Crippen Telephone: (404) 639-1972 Email: PCrippen@cdc.gov



Leading the New Health Laboratory Paradigm

- Every organization or system must evolve
 - Jack Welch, former CEO GE:
“Change or Die”

Approaching the Summit of Aconcagua



Made it!

