Challenges and Opportunities in Public Health: The Elite Eight

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THE LADIES' HOME JOURNAL

Strategies that lead us toward the future are important . . . regardless of our ability to accurately predict where we will end up.

How did Watkins do?

"Not egzaktly but it's kwite klose for many!"

WHAT MAY HAPPEN IN THE NEXT HUNDRED YEARS By JOHN ELFRETH WATKINS, JR.



经过的非常的现在分词



the competion of the great canal. Mexico will be next. Farrope, seeking more territory to the south of us, will cause many of the South and Central American republics to be voted into the Union by their own people.

The American will be Taller by from one to two inches

American will be latter by from one to two incess-crease of stature will result from better health, due t reforms in medicine, sanitation, food and athletics, till live fifty years instead of thirty-five as at press-for be will reside in the suburbs. The city bouse ractically be no more. Building in blocks will be . The trip from suburban home to office will require minutes only. A penny will pay the fare.

truste we we we have no be not every-day alphilder. They will be alundoned because unnecessary. Spelling y sound will have been adopted, first by the newspapers, suglesh will be a language of condensed words expressing understell ideas, and will be more extensively spoken an any other. Russian will rank second. an any other. Russian will rank second.

o regulate the temperature of the bath. Central plants rill supply this cool air and beat to city houses in the ame way as now our gas or electricity is firmisled, ising early to build the brance fire will be a tack of the themset. Homes will have no chimneys, because no soke will be created within their walks.

No Mosquitoes nor Flies. Insect screens will be unuscosary. Mosquitoes, house-flies and roaches will have been ractically externinated. Hoards of health will have estroyed all mosquito haunts and breeding-grounds, rained all stagnant jusols, filled in all swamp-lands, and bernically treated and still-water streams. The externination of the horse and its stable will reduce the housefly.

Ready-Cooked Meals will be Bought from establishments naterials in tremendous wholesale quantities and sell the cooked foods at a price much lower than the cost of nodividual cooking. Food will be served but or cold to trivate houses in pneumatic tubes or automabile wagons. The meal being over, the dishes used will be packed and teturned to the cooking establishments where they will be exasted. Such wholesale cookery will be done in elevtric

ood to air breathed out by patrons or to the atmosphere of the busy streets will be arrested with those who sell stale or adulterated produce. Liquid-air refrigerators will keep reat quantities of food fresh for long intervals.

ve become more and more expensive. Man will have nave become more and more expensive. Jana will have found electricity inautification by water-power to be much cheaper. Every river or creek with any suitable fall will be squipped with water-motors, turning dynamos, making cleictricity. Along the seacoast will be numerous, reser-roirs continually filled by waves and tides washing in. Out of these the water will be constantly falling over revolv-

proad subways or tuninels, well lighted and well verbiated, or to high trestles with "moving-sidewalk" stainways cading to the top. These underground or overhead streets will teem with capacious automobile passenger coaches and freight wagons, with cushioned wheels, subways or trestles will be reserved for express trains. Gibes, therefore, will be free from all tosses.

Trains One Hundred and Fifty Miles an Hour. Trains will rain too miles a minute, normally; express trains one hun-dred and fifty miles an hour. To go from New York to San Francisco will take a duy and a night by fast express. There will be eigar-shaped electric locomotives hauling long trains of cars. Cars will, like houses, he artificially cooled. Along the railroads there will be no smoke, no cinders. because coal will neither be carried nor burned. There will be no stops for water. Passengers will travel through hot or dusty country regions with windows down.

Automobiles will be Cheaper than Horses are to-day. Farmers will own automobile hay-wagons, automobile properties will obtain a more of these vehicles will do the work of a pair of horses or more. Children will ride in automobile sleighes in winter. Automobiles will have been substituted to the substitute of the subs

Everybody will Walk Ien Miles, Gymnastics will begin in the nursery, where toys and games will be designed to strengthen the muscles. Exercise will be

To England in Two Days. Fast electric ships, or To England in Two Days. Fast electric ships, crossing to exact a menut that an ide a minute, will so form New will be full that the property of the control of the control

compase with surface cars and water vessels are passenger or freight traffic. They will be maintained as deadly war-vessels by all military nations. Some will transport use and goods. Others will be used by scientists making observations at great heights above the earth.

Aërial War-Ships and Forts on Wheels. Giant guns will Aerad War-Ships and rorts on wheels. Guart guins will shoot twenty-five miles or move, and will have anywhere within such a radius shells exploding and destroying whole cities. Such guns will be aimed by aid of compasses when used on land or sea, and telescopes when directed from great heights. Pleets of air-ships, hiding themselves with dense, smaky miss, thrown off by themselves as they with dense, smisky mists, thrown off by themselvessax they move, will float over cities, fortifications, camps or fleets. They will surprise foss below by hurling upon them deadily hunderballs. These actual themselves are considered to the control of the contro scopes of one-munrecrame vision with claims discover-ments, photographics an enemy within that radials. These photographs, as distinct and large as if taken from across the street, will be lowered to the commanding officer in charge of troops below.

There will be No Wild Animals except in menageries. Rats and mice will have been exterminated. The borse will have become practically extinct. A few of high breed than the factories one body could outrum a borse. Food animals will be bred to expend practically all of their life energy in producing meat, milk, wool and other by-products. Horns, bones, muscles and lungs will have been neglected.

all kinds will be brought within focus of cameras connected electrically with screens at opposite ends of circuits, thou sands of miles at a span. American audiences in their clectrically with screens at opposite enton of circuits, trous-sunds of miles at a span. American audiences in their theatres will view upon huge curtains before them the coronations of kings in Europe or the progress of lattles in the Orient. The instrument bringing these distant scenes to the very donors of people will be connected with scales to the very Guors of people will be connected with a giant telephone apparatus transmitting each incidental sound in its appropriate place. Thus the guuss of a distant hattle will be heard to boom when seen to blaze, and thus the lips of a remote actor or singer will be heard to utter words or music when seen to move.

middle of the Atlantic will be able to converse with mix wife sitting in her hotodor in Chicago. We will be able to telephone to China quite as reachity as we not talk from New York to Brooklyn. By an automatic signal they will connect with any circuit in their locality without the inter-vention of a "hello girl."

Grand Opera will be Telephoned to private homes Thus will great hants and orenestras give ronguists concerts. In great cities there will be public opera-hor whose singers and musicians are paid from funds-endor by philanthropiets and by the government. The pi-will be capable of changing its tone from cheerful to a Many devices will add to the emotional effect of music.

How Children will be Taught. A university education How Children will be l'Aught. A university colored will be free to every men and woman. Several get national universities will have been established. Children will study a simple English, and not centud after the Latin. Time will severe be grouping like studies. Floor studies will given free loard, free clothing and free books if ambition and actually untils to meet their school and categories. dentistry and free medical attention of very kind. In very poor will, when necessary, get free rides to and free school and free lunches between sessions. In vacatio, time poor children will be taken on trips to various part of the world. Edupaths and hours. of the world. Etiquette and housekeeping will be important studies in the public schools.

store various by book. These store wagons, will deliver pockages and busdles. These tubes will collect, deliver and transport mail over certain distances, perhaps for bundereds of miles. They will at fast connect with the private houses of the wealthy then with all houses. Great Inssiness establishments will extend them to stations, similar to our branch post-offices of to-day, whence for automobile vehicles will distribute purchases from house to house

the soid of his garden and thus warm his growing plants. He will also grow large gardens under glass. At night his wegetables will be halhed in powerful electric light, his wegetables will be halhed in powerful electric light will handle plants grow larger and faster, and will kill troublesome week. Agas of robortel light will habee tudouble plants grow larger and faster, and will kill troublesome week. Rays of robortel light will habee the growth of many plants. Electricity applied to garden seeds will make them sprout and develop unusually early.

Oranges will Grow in Philadelphia. Fast-flying refriger have discovered how to raise here many fruits now o as potations are now.

person. Strawberries and cramserres and currants tall bushes. Cramberries, gooseberries and currants to brow as oranges. One cantaloup will supply tail moules. Craimeries, gooseocritics and corrained be as large as oranges. One cantaloup will supple entire family. Melous, cherries, grapes, plums, appears, peaches and all berries will be seedless. Figs be cultivated over the entire United States.

Black, Blue and Green Roses. Roses will be as large cubbage heads. Violets will grow to the size of orchi A pansy will be as large in diameter as a sunflower. Then may the pansy be given the perfume of the violet

Topics and Opportunities That Bring Us Here Today

- Quality improvement
- Accreditation and national and state standards for public health
- Governmental public health partnerships (state, local, federal, tribal)
- Cross-sector partnerships
- Performance management
- National Public Health Improvement Initiative (NPHII)

Why Am I Here Today?

"[U]nderstanding the context their work has in the national movement toward improving public health processes and outcomes. . . . opportunities and threats on the horizon, and recommendations about how we might meet them."

Sharing of Thoughts and Dialogue

■ The official disclaimer is

 "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."

■ In other words, my disclaimer for today is

The ideas and points presented here are not a complete, comprehensive, or official list. They are just my thoughts as drawn from many sources, and I hope this will spark more thinking and dialogue about these and other topics!

Sources

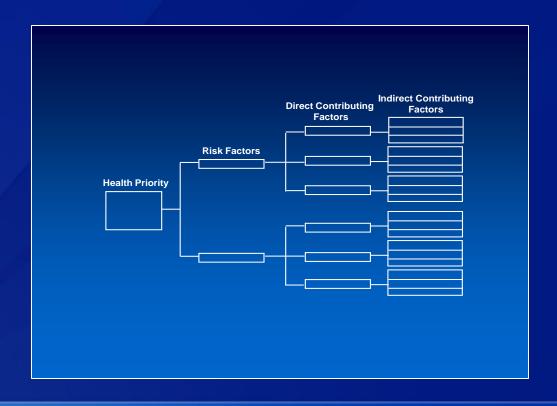
National and state documents and reports

Committees, workgroups, think tanks, expert panels

National and organizational dialogues, conferences

Challenges and Opportunities for Public Health: The Elite Eight

"The best of anything considered collectively . . . "
". . . the choice part . . . "



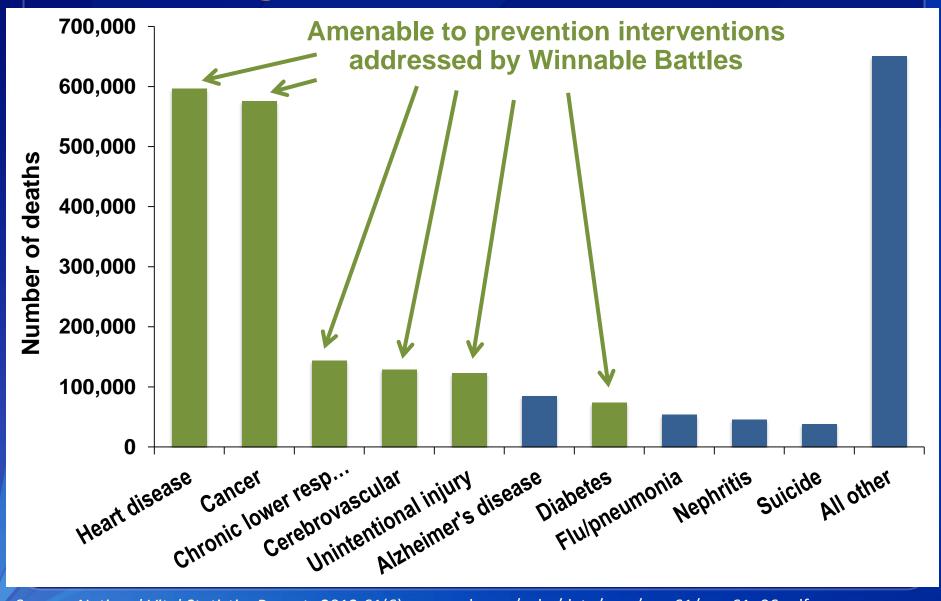
1. Changes in public health bring changes in public health standards. And vice versa.

Changes

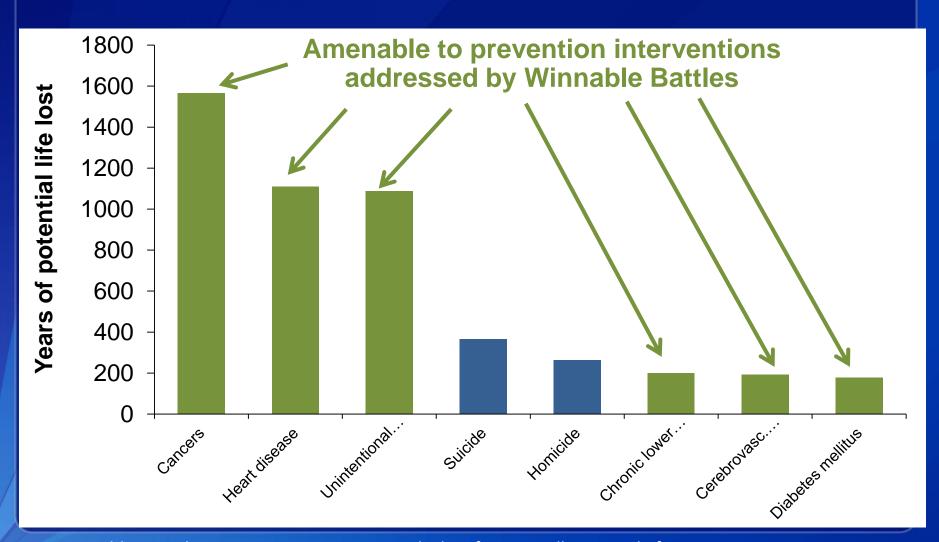
- Constant need to keep standards current and relevant
- □ Public Health Accreditation Board (PHAB) Standards—"Version 1.5"
- Key topics for update
 - Informatics
 - Health equity
 - Workforce development

2. Winnable battles are so named because they are "winnable."

Leading Causes of Death-US, 2011



Years of Potential Life Lost for Selected Causes of Deaths—US



Key Winnable Public Health Battles for the United States: Progress Update

Tobacco Use





Nutrition, Physical Activity, Obesity, and Food Safety

Healthcare-Associated Infections





Motor Vehicle Injuries

Teen Pregnancy





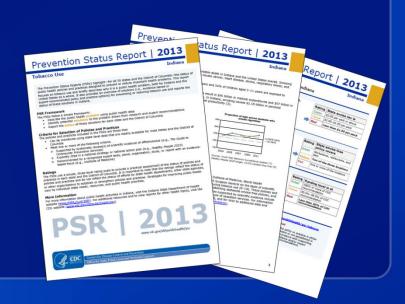
HIV

Prevention Status Reports

- Goal: to help advance evidence-based public health policy and practice
- Individual reports for all 50 states and the District of Columbia on 10 health topics
- Focus is on solutions—evidence-based and expert-recommended public health policies and practices
- Indicators highlight the status of state-level policies and practices

Reports to be released on CDC website beginning in late September.

(All ten will be released by November.)



3. Cross-jurisdictional collaboration can be an opportunity for everyone. But it may not be for everyone.

Cross-Jurisdictional Sharing (CJS)

- Center for Sharing Public Health Services
 - Robert Wood Johnson Foundation-supported initiative through Kansas Health Institute
 - 16 demonstration sites across 14 states
 - www.phsharing.org
- CDC activities
 - State, Tribal, Local, and Territorial Workgroup recommendations
 - CDC activities and methods to foster sharing of services
 - Collaboration and support of others (i.e., Center for Sharing Public Health Services and Practice-based Research Networks)
- Key questions, tools, and stories

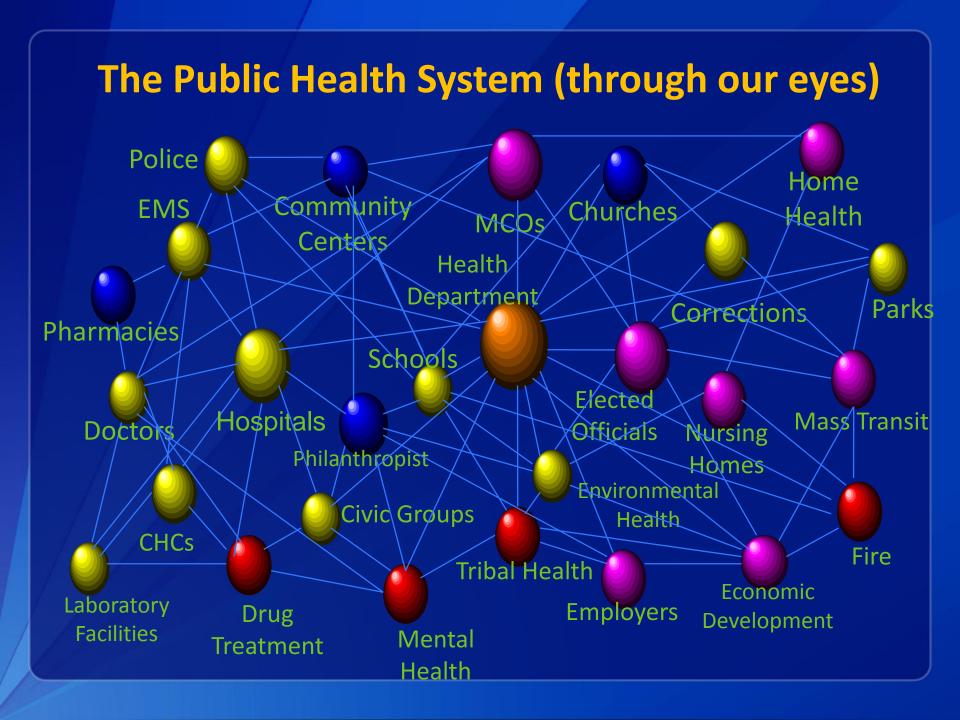
Spectrum of Cross-Jurisdictional Sharing Arrangements

Spectrum of Cross-Jurisdictional Sharing Arrangements

Informal and	Service-	Shared	Regionalization
Customary	Related	Functions with	
Arrangements	Arrangements	Joint Oversight	
 "Handshake" MOU Information sharing Equipment sharing Coordination 	 Service provision agreements Mutual Aid Agreements Purchase of staff time 	 Joint projects addressing all jurisdictions involved — ongoing or episodic Shared capacity, e.g., epidemiology covering all jurisdictions Inter-local agreements 	 Creation of a new local public health entity by merging two or more existing local public health agencies Consolidation of one or more local public health agencies into an existing local public health agency

Source: Center for Sharing Public Health Services. www.phsharing.org

4. We've all discussed "health in all policies." But what about "health in all partnerships"?



5. In a time of needing to do more with less, it is more important than ever not to "recreate the wheel" and to leverage connections.

Leveraging Connections

- Strategic and concrete links between national standards,
 quality improvement, and programmatic work of public health
- Establishing incentives for preparing and for accreditation status
- Crosswalks with PHAB standards
 - Community Guide, food safety, public health emergency preparedness capabilities, Project Public Health Ready, healthcare-associated infections, immunizations, etc.

6. Health reform brings new partners to the table. It is also creating new tables.

Evolution of Health System

Health Delivery System Transformation Critical Path

Episodic Non- Integrated Care

- Lack integrated care networks
- Lack quality and cost performance transparency

Outcome Accountable Care

- Patient- or personcentered
- Transparent cost and quality performance
- Focus on care management and preventive care

Community
Integrated Healthcare

- Healthy population centered
- Integrated networks linked to community resources capable of addressing psycho social/ economic needs
- Population-based reimbursement

Source: Neal Halfon, UCLA Center for Healthier Children, Families & Communities

Just One Example . . . Community Health Needs Assessment

- Drivers
 - Tax-exempt hospitals and community benefit requirements for IRS (n>3,000)
 - Federally qualified health centers (n>1,200)
 - Federal grant requirements (e.g., Community Transformation Grant, NPHII)
 - Voluntary public health accreditation through PHAB (n~2,400)
 - State laws or requirements for health departments
- Similar (but not the same) elements and language

7. Money makes the (public health) world go around.

And the world is changing.

Financing

- Financing questions and explorations for core and foundational capabilities
- Reimbursement and payment changes and explorations
- Priorities and activities that are datadriven rather than driven by available funding



8. We need to always think about the "so what?" questions. Where's the evidence? What's the impact? What's the return on investment?

So What?

- Strengthening evidence-based practice
 - Use of evidence-based interventions (e.g., Community Guide)
 - Maximizing impact—quality improvement can help!
- Strengthening practice-based evidence
 - Peer learning and stories from the field (NPHII, PHQIX, COPPHI)
 - Publication of practice activities
- Exploring the return on investment (ROI) for public health and for quality improvement
 - New ROI tool developed by the Association of State and Territorial Health Officials
 - NPHII grantee experiences in exploring ROI

In Summary . . .

- 1. Changes in public health and public health standards
- 2. Winnable battles
- 3. Cross-jurisdictional collaboration
- 4. Partnerships
- 5. Leveraging connections
- 6. Health reform
- 7. Health and public health financing
- 8. Value, impact, and return on investment

Reactions? Questions?

Additional points?

Continuing the Conversation

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Saving Money
Through Prevention.

Thank You!

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