Nursing as Integral Part of Building a Culture of Health

John R. Lumpkin, MD, MPH
Senior Vice President
Robert Wood Johnson Foundation
Institute of Medicine Report

• #1 top selling and most downloaded report and #1 reason why people visit IOM website
• Re-conceptualizes roles for nurses.
• Offers recommendations to transform health through nursing.
FUTURE OF NURSING™
Campaign for Action
AT THE CENTER TO CHAMPION NURSING IN AMERICA

CALIFORNIA ACTION COALITION
Advancing Health in California

massachusetts actioncoalition
FUTURE OF NURSING

Oregon Action Coalition
ADVANCING HEALTH IN OREGON

Florida Action Coalition
NEVADA ACTION COALITION
CHAMPIONING HEALTH FOR ALL NEVADANS

New Jersey Action Coalition
Future of Nursing for the Health of Our State

Texas TEAM
Advancing Health Through Nursing

Hawaii Action Coalition
Transforming Nursing and Health Care in Hawaii

Pennsylvania Action Coalition

Future of Nursing West Virginia
A Coalition to Advance Health

futureofnursing
NEW YORK STATE

ARIZONA ACTION COALITION
Leading Change, Advancing Health in Arizona
• 96% increase in RN-to-BSN 44,262 in 2014

• 30.1% of BSN grads in 2014 represent minority populations (up from 24.1% in 2005).

*Source: AACN.
- DNP enrollment up 160% 18,352 in 2014.

- PhD enrollment up 14.6% 5,286 in 2014.
Nurses bring a unique perspective to management and policy discussions.

- Nurses are the largest segment of the health care work force and spend the most time with people receiving health services.
- Nurses are vital to improving quality.
- Yet nurses account for only 2-6 percent of voting hospital board positions.

Source: American Hospital Association 2011
Nurses on Boards Coalition

• 21 leading organizations.

• Pledge to place 10,000 nurses on boards by 2020.
This map from AANP shows the practice environment for nurse practitioners. For more detail about other types of APRNs, see NCSBN’s maps: https://www.ncsbn.org/2567.htm.
There’s a reason we’re smiling...

Massachusetts has received national recognition for its leadership efforts to implement the recommendations of the Institute of Medicine Report (IOM).
Nursing Faculty Workforce Challenges in Massachusetts
Everyone in America can live a healthier life, supported by a system in which nurses are essential partners in providing care and promoting health.
MRI-guided Laser Ablation for Intracranial Pathologies

Combined Irreversible Damage Estimate 40mm by 18mm

24 Hr Post-ablation T1
Mary Beth Dwyer, RN examines her 3-D printed part at Bon Secours Hospital Expedition Site
Chip Embedded Medications
We have the best clinical science in the world...
Hospital Discharges
per 1,000 Population, 2011

GER  244
NOR*  175
DEN*  172
SWIZ  170
FR    169
SWE*  163
AUS*  159
OECD Median  159
NZ    147
UK    136
US*   125
NETH  122
JPN   111
CAN*  82

* 2010.
Source: Commonwealth Fund from OECD Health Data 2013.
Average Annual Physician Visits per Capita, 2011

<table>
<thead>
<tr>
<th>Country</th>
<th>Average Annual Visits</th>
</tr>
</thead>
<tbody>
<tr>
<td>JPN*</td>
<td>13.1</td>
</tr>
<tr>
<td>GER</td>
<td>9.7</td>
</tr>
<tr>
<td>CAN*</td>
<td>7.4</td>
</tr>
<tr>
<td>FR</td>
<td>6.8</td>
</tr>
<tr>
<td>AUS</td>
<td>6.7</td>
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<tr>
<td>NETH</td>
<td>6.6</td>
</tr>
<tr>
<td>OECD Median</td>
<td>6.6</td>
</tr>
<tr>
<td>NOR**</td>
<td>5.2</td>
</tr>
<tr>
<td>UK**</td>
<td>5.0</td>
</tr>
<tr>
<td>DEN*</td>
<td>4.6</td>
</tr>
<tr>
<td>US**</td>
<td>4.1</td>
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<tr>
<td>SWE</td>
<td>3.0</td>
</tr>
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* 2010.
** 2009.
Source: Commonwealth Fund from OECD Health Data 2013.
Health Care Spending
1980–2011

Percent

- US (17.7%)
- NETH (11.9%)
- FR (11.6%)
- GER (11.3%)
- CAN (11.2%)
- DEN (11.1%)*
- SWIZ (11.0%)
- NZ (10.3%)
- JPN (9.6%)*
- SWE (9.5%)
- UK (9.4%)
- NOR (9.3%)
- AUS (8.9%)*

Source: OECD Health Data 2013.
We have the best clinical science in the world... Do we have the best health care in the world?
Mortality Amenable to Health Care

Deaths per 100,000 population*

We have the best clinical science in the world... Do we have the best health in the world?

Source: Commonwealth Fund National Scorecard on U.S. Health System Performance, 2011.
71% of those 17 to 24 are ineligible to serve in the military.
Overall Health Status US
Persons Aged 46-64


Report “excellent” health
32%

No regular physical activity
17%
Every System is perfectly designed to get the results it gets

- Don Berwick
Culture

Learned and shared behavior of a community of interacting human beings

— Useem & Useem: Human Organizations 1963
We, as a nation, will strive together to build a culture of health enabling all in our diverse society to lead healthy lives, now and for generations to come.
What is a culture of health?
what is a culture of health?
Being healthy and staying healthy is an esteemed social value
health of the population guides public and private decision-making
geography and demographics do not serve as barriers to good health.
individuals, businesses and governments work collectively to foster healthy communities and lifestyles.
Individuals, businesses and governments work collectively to foster healthy communities and lifestyles.

The economy is less burdened by excessive and unwarranted health care spending.
we are all supported to make proactive choices that will improve our health.
Number of uninsured in Maryland, nation declines

By Meredith Cohn
Action Coalitions Building a Culture of Health: Arizona, ACA Enrollment Outreach
We can’t solve problems by using the same kind of thinking we used when we created them.
we will only be able to succeed if we take chances and consider completely new approaches and ways of thinking
This is how Charlie looks in September.

This is how Ruby looks in September.
This is how **José** writes in September.
Math
K Assessment

Date: September

I can write my name:

I can count to:

5

I can write my numbers 0 through 20:

0, 1, 2, 3, 4, 5, 6, 7, 8, 9, 10, 11, 12, 13, 14, 15, 16, 17, 18, 19, 20

Randee Madelbaum veteran Kindergarten Teacher – Freehold, NJ
Education: It Matters More to Health than Ever Before
3 miles could equal up to a 13-year life span difference.
Health Disadvantage Affects All

- Non-Hispanic Whites with health insurance, high incomes and college education
  - Higher infant mortality
  - Higher rates of chronic disease
  - Lower life expectancy
CULTURE OF HEALTH ACTION FRAMEWORK

ACTION AREA 1: MAKING HEALTH A SHARED VALUE

ACTION AREA 2: FOSTERING CROSS-SECTOR COLLABORATION TO IMPROVE WELL-BEING

OUTCOME: IMPROVED POPULATION HEALTH, WELL-BEING, AND EQUITY

ACTION AREA 3: CREATING HEALTHIER, MORE EQUITABLE COMMUNITIES

ACTION AREA 4: STRENGTHENING INTEGRATION OF HEALTH SERVICES AND SYSTEMS
ACTION AREA

MAKING HEALTH A SHARED VALUE

DRIVERS

MINDSET AND EXPECTATIONS

SENSE OF COMMUNITY

CIVIC ENGAGEMENT
Brownsville Texas

- Poverty
- Heart disease
- Diabetes
- Stroke
FOSTERING CROSS-SECTOR COLLABORATION TO IMPROVE WELL-BEING

DRIVERS

NUMBER AND QUALITY OF PARTNERSHIPS

INVESTMENT IN CROSS-SECTOR COLLABORATION

POLICIES THAT SUPPORT COLLABORATION
HEALTHY COMMUNITIES:
A Framework for Meeting CRA Obligations

March 2014
By Elizabeth Sobel Blum
Federal Reserve Bank of Dallas
• Provide health education and prevention
• Help with health literacy
• Assess for other social determinant needs
CREATING HEALTHIER, MORE EQUITABLE COMMUNITIES

DRIVERS

BUILT ENVIRONMENT/PHYSICAL CONDITIONS

SOCIAL AND ECONOMIC ENVIRONMENT

POLICY AND GOVERNANCE
2 missing New Brunswick boys found dead in Raritan River
STRENGTHENING INTEGRATION OF HEALTH SERVICES AND SYSTEMS

DRIVERS

ACCESS

CONSUMER EXPERIENCE AND QUALITY

BALANCE AND INTEGRATION
Healthcare Cost Hotspots in Camden, NJ (Jan 2002-June 2008)

High Cost Buildings...

Northgate II
3,901 visits, 615 patients
$83 million in charges
($21,000 per visit)
$12 million in receipts
15% collection rate

Abigail House
1,414 visits, 332 patients
$92 million in charges
($65,000 per visit)
$15 million in receipts
16% collection rate

Overview of High Cost Hotspots...

Receipts 37%
Visits 27%
Patients 18%
Area 10%
Blocks 6%

Map includes only blocks with at least 1 visit

Source: Cooper, Lourdes, and Virtua Hospital and ER billing data
Jan 2002-June 2008
IMPROVED POPULATION HEALTH, WELL-BEING, AND EQUITY

OUTCOME AREAS

ENHANCED INDIVIDUAL AND COMMUNITY WELL-BEING

MANAGED CHRONIC DISEASE AND REDUCED TOXIC STRESS

REDUCED HEALTH CARE COSTS
Strengthening the Approach to Culture of Health

- Need to make the link more explicit in nursing programs between general education, including economics, politics, social sciences, and basic sciences and nursing in building a Culture of Health.
- Explicitly imbed Culture of Health into all levels of curriculum.
- Provide examples of nurse role models whose practice helps build a Culture of Health.
Develop Partnerships

• Partner with diverse organizations and groups to make health a priority.

• Be open to all partners:
  ✓ Consumers
  ✓ Business partners
  ✓ Health professionals
  ✓ entrepreneurs
“Money would be better spent in maintaining health in infancy and childhood than in building hospitals to alleviate disease. It is much cheaper to promote health than to maintain people in sickness”

--Florence Nightingale, 1894
Health is more than Health Care
Patient time

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<tr>
<th>Activity</th>
<th>Minutes</th>
<th>0.01%</th>
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<tr>
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<td>27,360</td>
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<td>27,360</td>
<td>5%</td>
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<td>15,770</td>
<td>3%</td>
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<td>3%</td>
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<tr>
<td>Sports and exercise</td>
<td>7,008</td>
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Health happens where we live, learn, work, and play
We, as a nation, will strive together to build a culture of health enabling all in our diverse society to lead healthy lives, now and for generations to come.