Evidence-Guided Transformation: Choosing Well

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Forecasting the Changing Health and Health Care Environment

- Life expectancy and Medicare enrollment continue to grow
- Chronic disease management and care coordination create demand for advanced practice nurses and high functioning registered nurses
- Cost of care rises along with new payment mechanisms
- Interprofessional team based care adopted at a rapid pace
- Policy and budget challenges place prevention strategies at risk
- Complex health needs managed outside of acute care environments
- Health sciences schools are challenged to keep pace with new models of care, quality, finance, measurement, acuity, demand, science, etc.
- Population health is a global and collaborative enterprise across communities, health systems and public health.
Informing the Future: The Age of Transformation

- National Academy of Medicine: Viewpoint Series on Health and Health Care
- Public Health Leadership Forum: Transforming Public Health and Health Care to Create Healthy Communities
- Macy Foundation Report: RNs in Primary Care
- American Association of Colleges of Nursing: Advancing Healthcare Transformation
- Catalysts for Change: Harnessing the Power of Nurses in the 21st Century
National Academy of Medicine: Vital Directions for Health and Health Care*

• Series of 19 papers written by teams of National Academy of Medicine members to inform the federal government about improving health and healthcare in the US.

• Range of topics including the social determinants of health, health inequities, chronic disease prevention, putting the health of communities and population health first, the workforce for the 21st century health and health care.

*http://jama.jamanetwork.com
National Academy of Medicine Vital Directions Themes

• The way we think about health and illness relies on an understanding of the determinants of health.

• Advancing wellness and prevention is a necessary set of strategies that all populations need and are critical to assuring population health.

• Strong systems of care including access to health insurance and comprehensive care will require a redesign of the way care is provided, integrated and paid for.

• The 21st century workforce will need to be prepared to work toward the protection and enhancement of health and health care and prepared for practice in both a person centered and population centered health environment where it is understood that engagement of individuals and populations in care design and prevention is necessary.

• Continuous improvement in care and outcomes will occur through a system of metrics and measurement that enables us to realize progress on a range of indicators.
Transforming Public Health and Health Care to Create Healthy Communities*

• Developed by a team of public health, academic, and policy leaders to inform the Secretary of DHHS about priorities for transforming the nation’s health

• Proposed a new role of Chief Health Strategist for the DHHS Secretary to lead a national initiative to assure that “America’s communities are places that provide every person with the opportunity to achieve optimal health and are served by a strong public health infrastructure”.

Committee Findings

• A healthy nation is achieved by more than what happens in public health agencies and the health care system, but by what happens within and among diverse communities.

• A healthy nation is built through engaged communities with equitable access to opportunities and resources achieved across all communities and populations.

• A healthy nation assures equitable access to and engagement in quality physical and behavioral health services and that all, regardless of race, ethnicity, gender or gender identity or sexual orientation are served by a robust public health system.

• A healthy nation is safe and secure from and able to respond to natural and human-made threats and disasters.
Committee Recommendations

• Transform the health care and public health investments by the federal government into a health promoting system and adopt metrics that foster activities that support longer, higher quality life and reduce health inequities.

• Assure communities have the data, evidence, analytic capacity and flexibility they need to build healthy and resilient communities including supporting cross-sector collaborations at the federal, state and local levels.

• Assure that every community is served by a well-resourced public health department that is accredited and able to provide foundational capabilities and respond to unanticipated emergencies.
Registered Nurses: Partners in Transforming Primary Care*

• Emphasizes the importance of integrated primary care in meeting the health needs of populations.
• Recommends the utilization of RNs in expanded roles to enhance health outcomes, reduce costs, and increase patient satisfaction.
• Proposes significant change in the utilization and education of RNs.
Primary Recommendations

• Leaders of nursing schools, primary care practices, and health systems should actively facilitate culture change that elevates primary care in RN education and practice.

• Primary care practices should redesign their care models to utilize the skills and expertise of RNs in meeting the healthcare needs of patients – and payers and regulators should facilitate this redesign.

• Nursing school leaders and faculty should elevate primary care content in the education of pre-licensure and RN to BSN nursing students.

• Leaders of primary care practices and health systems should facilitate lifelong education and professional development opportunities in primary care and support practicing RNs in pursuing careers in primary care.

• Academia and healthcare organizations should partner to support and prepare nursing faculty to educate pre-licensure and RN to BSN students in primary care knowledge, skills, and perspective.

• Leaders and faculty in nursing education and continuing education programs should include interprofessional education and teamwork in primary care nursing curricula.
Advancing Healthcare Transformation*

• Report of the American Association Colleges of Nursing that describes recommendations for a new era for academic nursing:
  • Enhance the clinical practice of academic nursing
  • Partner in preparing the nurses of the future
  • Partner in the implementation of accountable care
  • Invest in nursing research programs and better integrate research into clinical practice
  • Implement an advocacy agenda to support a new era for academic nursing

Linking to Improve Nursing Care and Knowledge: The “LINK Project”

- Columbia University School of Nursing and four health systems in New York and New Jersey are participating in the LINK program.
- Expert nurse research faculty jointly appointed to partner health systems.
- Short-term goal - provide clinical nurses with a formal mechanism to request and obtain statistical and research design support.
- Long-term goal - develop enhanced partnerships that equip nurses with the necessary skills and knowledge to improve the delivery of healthcare.
Academic-Practice Research Fellowships

• Competitive, structured program provides staff nurses with formal guidance and mentorship from academic research faculty and staff across a spectrum of scholarly activities

• Health system staff nurses selected by hospital nursing Evidence-Based Practice committee and Columbia jointly appointed nurse research faculty

• Each staff nurse is assigned a clinical and academic mentoring team

• Actively working on protocols and IRB submissions
Outcomes from First LINK Project

• Staff nurse early outcomes
  • Five staff nurses selected by hospital nursing EBP committee and joint nurse researchers
  • Each assigned a clinical and academic mentoring team
  • Actively working on protocols and IRB submissions

• Columbia nursing research faculty early outcomes
  • externally funded grants and multiple publications, many with nursing staff and administration
  • mentor staff nurses engaged in a clinical project
  • facilitate nursing research councils
  • teach EBP to staff, students, faculty
Catalysts for Change: Harnessing the Power of Nurses in the 21st Century*

• Understand factors outside of health care that influence how healthy we can be and how they are influenced by social policy.

• Understand the burden of health inequities on our population and how to create and implement strategies that provide more people opportunities to make health choices.

• Understand the impact that health behaviors has on health.

• Examine and articulate the explicit role of nursing in examining the evidence leading to this understanding including leadership, diversity of the nursing workforce and the ability articulate our value to the work of population health.

CDC Budget Directive

- Vulnerable
- Entitlement
- Diversity
- Transgender
- Fetus
- Evidence-based
- Science-based
Consider the Future of Science

• Rethinking the research enterprise
• Rethinking the value of science
• Rethinking our role in shaping health policy that supports science