HPE in the Age of Risk and Innovation

Barbara Brandt
Special Thanks

Erin Fraher, PhD, MPP Director
University of North Carolina-Chapel Hill
The Cecil G. Sheps Center for Health Services Research and her staff
2013 World View
National Center Destinations: 6/17 – 7/18
"Just as Copernicus once challenged the commonly accepted notion of the Earth as the center of all that is, the center of healthcare’s universe is changing."

Podcast: What Would Copernicus Do? Insights From Health Evolution

Julie Murchinson, CEO, Health Evolution and Sam Glick, Oliver Wyman

The center of healthcare’s universe is changing from provider-centric to consumer-centric, and CEOs must follow suit.
2018 World View
The purpose of a group or team approach is to optimize the special contribution in skills and knowledge of the team members so that the needs of the persons served can be met more efficiently, competently, and more considerately than would be possible by independent and individual action. Without question, the patient himself is a member of the team and, in a democratic society, can be expected increasingly to exert his prerogatives to participate in decisions that affect his well-being.

A major deterrent to our efforts to fashion health care that is efficient, effective, comprehensive, and personalized is our lack of a design for the synergistic interrelationship of all who can contribute to the patient's well-being. We face, in the next decade, a national challenge to redeploy the functions of health professions in new ways, extending the roles of some, perhaps eliminating others, but more closely meshing the functions of each than ever before.
The Age of Risk and Innovation

- Disruptions
- Digital Health and Learning
- New Payment Models
- Distribution
- Demographics and diversity
- Deregulation
- Deployment of new teams
Payment Models and Financing

HHS to launch new mandatory bundled payment models: 4 things to know

Written by Ayla Ellison (Twitter | Google+) | November 09, 2018 | Print | Email
Geisinger CEO Dr. David Feinberg heads to Google: 5 things to know

Written by Morgan Haefner | November 08, 2018 | Print | Email

David Feinberg, MD, CEO and president of Danville, Pa.-based Geisinger Health System, will take on a newly created healthcare role at Google, according to The Wall Street Journal.
Deployment of Professional and Workers for New Models of Care: Team Optimization

Lamb and Newton, 2017 Nexus Summit
✓ Current workforce will transform care.
✓ New workers / new responsibilities
✓ What’s the upside? What’s the downside?
✓ We need to design healthcare teams for maximum effectiveness and efficiency.
  • Scope of practice
  • Psychological safety
  • Equitable payment
  • Preparation and continuing education for teamwork and optimization initiatives
Another difficult thing to know is whether we have enough providers.

New research projects that two thirds of the providers joining the US healthcare workforce by 2030 will be nurse practitioners (NPs) or physician assistants (PAs). While physician numbers are growing, the rate is not nearly as high. However, to be successful, it will also require not only an evaluation of the roles of NPs, PAs, and physicians, but a focused effort toward enhanced teamwork and new models of care.

What Will It Mean for Primary Care?

Charles P. Vega, MD

DISCLOSURES 1 July 20, 2018

The average annual growth for nurse practitioners is approximately 4 percent. The average annual growth for postings for MRI technologists, veterinary technologists, diagnostic imaging workers, dental hygienists and respiratory therapists were 9 percent, 5 percent, 5 percent, 4 percent and 4 percent, respectively.

While the supply is not keeping up with population growth, technology and use of non-physicians may ease any shortfall.

A years-long trumpeted shortage of physicians in the U.S. may not be the crisis some portray. As with nearly everything in healthcare, it's not black and white.
Deregulation – New Conversations about SOP

Hey! We Live In The Age Of Innovation: Who Needs Rules?

Enrique Dans Contributor
Dec 6, 2017, 01:47pm • 622 views • #ChangeTheWorld
Time to Deregulate the Practice of Law

Robert W. Crandall and Clifford Winston · Sunday, August 21, 2011

The job market is not looking bright for Americans of all walks of life, even Ivy League college graduates and those with advanced degrees. For example, a new wave of law school graduates has just taken state bar examinations, which they must pass to obtain a license to practice law. But after accumulating as much as $150,000 in law school debt (likely on top of undergraduate debt), many of those test-takers are concerned that jobs in their field are vanishing.
Health care system is changing rapidly: Regulation needs to adapt

- New care delivery and payment models encourage new roles among existing health providers
- At the same time, new roles are emerging – community health workers, care coordinators, community paramedics, etc.
- Technology and scientific advancements are changing roles and responsibilities

“The health profession regulation system in place today does not have the flexibility to support change.”

Source: Dower C, Moore J, Langelier M. It is time to restructure health professions scope-of-practice regulations to remove barriers to care. *Health Aff (Millwood)*. 2013 Nov;32(11).
ACNM/ACOG Maternity Care Education and Practice Redesign

**Theme:** Interprofessional Education and Teamwork, New Curriculum Content

**Institution:** American College of Nurse-Midwives (ACNM)

**Grant Type:** Board Grant

**Award Amount:** $374,266

**Grant Awarded:** October 2016

**Principal Investigator:** Melissa Avery, PhD, CNM and John Jennings, MD
Demographics and Diversity

Higher education and health professions education's
If Immigrants Are Pushed Out, Who Will Be Left Behind?

Norma, a 91-year-old immigrant who arrived in the U.S. 70 years ago, lives in a nursing home. She was born in a small village in Mexico and came to the U.S. to find work and a better life for her family. She has been a resident of the nursing home for the past five years and is now suffering from dementia.

By Paula Span

Feb. 2, 2018
Technology and human hand-in-hand for a better healthcare
Medical Futurist — March 2017

1. Artificial Intelligence
2. Virtual Reality
3. Augmented Reality
4. Healthcare trackers, wearables and sensors
5. Medical tricorder
6. Genome sequencing
7. Revolutionizing drug development
8. Nanotechnology
9. Robotics
10. 3D Printing
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