



**The Power of Asking the Right Questions:  
IPE in the Age of Risk and Innovation**

**Plenary – July 29, 2018**

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***Definition of the Nexus: Creating a deeply connected, integrated learning system to transform education and care together***

**Plenary Premise**

The concept for the opening plenary session for the 2018 Nexus Summit emerges from National Center consultancies, presentations, site visits and interactions with experts from multiple sectors in 2017-2018. In addition, we have designed and created the National Center Information Exchange, building upon the informatics expertise of the University of Minnesota. Our experiences have led to recognition that today's environment is experiencing seismic shifts in health care and health professions education driven by multiple factors:

- Payment models and financing
  - Disruptions
  - Deployment of new teams
  - Deregulation and scope of practice conversations
  - Distribution of health professionals and healthcare
  - Demographics and diversity
  - Digital impact and technology

Our view of the Nexus universe is changing, particularly who is at the center. This seismic shift is beyond mere symbolism and words – and very real, driven by innovation and risk. To navigate the new order, we need to be asking new – and the right – questions for a new world view. People who are committed to and experienced in interprofessional collaboration are in the best position to ask those questions and lead new conversations *together* during this age. The Nexus Summit is a testament to interprofessionality<sup>1</sup> among “learners, teachers, and professionals (micro levels), links at the organizational level (meso) and links among systems such as political, socio-economic and cultural systems (macro)”.

Based upon data collected since 2013 with numerous partners, the National Center has taken a Big Data and interprofessional informatics approach to understanding the complexity of the field of interprofessional practice and education. We observed a heightened appetite to work together to ask the right questions and find new answers in IPE.

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<sup>1</sup> \*D'Amour D. and Oandasan, Interprofessionality as the field of interprofessional practice and interprofessional education: An emerging concept. [Journal of Interprofessional Care](#). 2005 May;19 Supplement 1:8-20.



## Creating Results: Interprofessional Vision to Action



### History of IPE

Dewitt C. Baldwin, Jr. M.D. [Some historical notes on interdisciplinary and interprofessional education and health care in the U.S.A.](#), *Journal of Interprofessional Care*, 1996

McCreary, J. [The Education of Physicians in Canada](#). *Journal of the Canadian Medical Association*. May 23, 1964. Vol. 90.

Institute of Medicine. [Educating the Health Team 1972](#).

### Asking the Right Questions: Concepts, References and Links to Explore



#### [What Would Copernicus Do?](#)

Podcast: Julie Murchinson, Health Evolution, Oliver Wyman

To create a deeply connected education and practice system, or the nexus, in the era of risk and innovation in the United States, the National Center follows two newsletters:

[Oliver Wyman Health](#): OWH is a newsletter that follows “the business of transforming healthcare, speaks to executives by focusing on four areas: transform care, engage consumers, drive innovation and maximize value”.

- [Ptolemaic Model of the Universe](#)
- [Copernicus Model of the Universe](#)

[Becker's Hospital Review Newsletter](#): Website Description: “*Becker's Hospital Review* features up-to-date business and legal news and analysis relating to hospitals and health systems. Content is geared toward high-level hospital leaders (CEOs, CFOs, COOs, CMOs, CIOs, etc.), and we work to provide valuable content, including hospital and health system news, best practices and legal guidance specifically for these decision-makers. Each of the 12 annual issues of *Becker's Hospital Review* reaches a qualified audience of approximately 18,500 healthcare leaders.”

### New Payment and Financing Models

Burwell, S. [Setting Value-Based Payment Models—HHS to Improve U.S Health Care](#). *New England Journal of Medicine*. 372:10. March 5, 2015.

[Sniffles, Cancer? Under plan, Medicare payments for office visit would be the same.](#) *New York Times and Star Tribune*, July 22, 2018

Up to the minute discussions about federal proposals, CMS: [Becker Hospital Review](#)

[Bernie Sanders introduces universal health care, backed by 15 Democrats. September 13, 2017.](#)

Brandt and Delaney

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#### Disruptions: a Whirlwind

[Oliver Wyman Health. When Healthcare Meets Retail. Sam Glick. June 21, 2018](#)

[Oliver Wyman Health. Amazon's Likely Strategy to Enter Healthcare. Helen Geis and Syham Vichare. June 21, 2018](#)

[New York Times. Amazon to Buy Online Pharmacy PillPack, Jumping into the Drug Business. June 28, 2018](#)

[Atul Gawande starts first day as CEO of Amazon, Berkshire Hathaway and JPMorgan health venture](#)

[Health Care Cost Institute. 2016 Health Care and Cost Utilization Report. January 2018](#)

#### Deployment of professionals and workers for new models of care. Team optimization.

Fraher, E. and Brandt, B.F. [Toward a System Where Workforce Planning, Education and Practice are Designed around Patients, Populations and Communities, Not Professions.](#) Presentation at Blending the Blues: A Collaboration with IPE4UNC and Duke AHEAD.

[Cecil B. Shep Center for Health Services Research. Program on Health Workforce Research and Policy. <http://www.healthworkforce.unc.edu/>; <https://nhealthworkforce.sirs.unc.edu/>](#)

#### Deregulation and Scope of Practice

Erin Fraher, PhD, MPP; Julie Spero, MSPH; Ryan Kandrack, BS; Katie Gaul, MA. [How Data and Evidence Can \(and Should!\) Inform Scope of Practice.](#) April 9, 2018

Forbes. [Hey! We Live in an Age of Innovation: Who Needs Rules.](#) Enrique Dans. December 6, 2017.

Brookings Institution. [Time to Deregulate the Practice of Law.](#) Robert W. Crandall and Clifford Winston. Sunday, August 21, 2011.

#### Distribution

Andrilla, H. et. al. [Geographic variation in the supply of selected behavioral health providers.](#) American Journal of Preventive Medicine. June 2018. V. 54 (6).

Centers for Disease Control. [Infant Mortality Rates, 2016.](#)

Josiah Macy Jr. Foundation. Grant: Association of Certified Nurse Midwives and the American Association of Obstetrics and Gynecology. [Maternity Care and Practice Redesign.](#)

New York Times. It's 4 AM. [The Baby's Coming. The Hospital is 100 miles away.](#) July 17, 2018.



### Demographics and diversity

Google: Higher education enrollments in United States. High school graduation rates. Program closures and lay-offs. Eastern Kentucky University, Western Kentucky University, Northwestern University.

Drug Topics. [Job Market Shifting for Pharmacy School Grads](#). Interview with Lucinda Maine, President and CEO of the American Association of Colleges of Pharmacy. August 15, 2017. Excellent interview and discussion not only about pharmacy but demographics and issues with high school graduation rates.

New York Times. [If immigrants are pushed out, who will care for the elderly?](#) February 2, 2018.

### Digital Health and Learning

Susskind, R. and Susskind, D. The Future of the Professions: How technology will transform the work of human experts. Oxford University Press. 2016.

The Medical Futurist. [The Top Ten Promising Medical Technologies](#). UPDATED.