



Linking Interprofessional Workforce Development and Practice Transformations

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The National Center for Interprofessional Practice and Education

nexusipe.org

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NATIONAL CENTER for
INTERPROFESSIONAL PRACTICE
and EDUCATION

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We're shaping the future of our evolving health care landscape by creating a true partnership and shared responsibility between practice and education – what we call the “Nexus” – to enhance the patient experience, improve population health and lower costs.



1,488

IPE
RESOURCES

INFORMING

Browse resources and stories and learn about us and the Nexus.

2,395

COMMUNITY
MEMBERS

CONNECTING

View the member directory, scan resource collections and join a group discussion.

39

EDUCATIONAL
OFFERINGS

ENGAGING

Find an educational opportunity and the latest IPE events.

21

RESEARCH
PROJECTS

ADVANCING

Learn about work occurring at sites across the U.S. and read our latest research.




In the Resource Center

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BUILDING A NEXUS FOR BETTER CARE, ADDED VALUE AND HEALTHIER COMMUNITIES

BARBARA BRANDT'S USER MENU



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RESOURCE CENTER


Linking Workforce Development and Practice Transformations

Resource Type:
 Presentation


Webinar presentation to CMMI SIM program; December 3, 2015

Barbara Brandt


Author(s):
Barbara Brandt, National Center for Interprofessional Practice and Education


Upload File:
 CMMI - SIM webinar final.pdf


Subject:
Education & Learning
The Nexus









Submitted by Barbara Brandt on Dec 2, 2015
- 7:47pm CST

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SHARE     

RELATED RESOURCES

- [Preparing for the Future: Interprofessional Education and Collaborative Practice](#)
- [Beyond Flexner: The Role of Interprofessional Education and Collaborative Practice](#)
- [The Transformation of Academic Health Centers](#)
- [The IPE Movement: Doing It Differently at the Nexus](#)
- [A presentation with the Institute of Medicine's \(IOM\) Study Chair on Measuring the Impact of Interprofessional Education](#)



Describe the National Center for Interprofessional Practice and Education

Discuss what we are learning about IPE and workforce development

Describe the National Center resources and services

Ignite the IPE movement!



Interprofessional Education and Collaborative Practice = The “New IPE” – Interprofessional Practice and Education

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Interprofessional education “occurs when two or more professions learn with, about, and from each other to enable effective collaboration and improve health outcomes.”

Interprofessional, collaborative practice “occurs when multiple health workers **and students** from different professional backgrounds provide comprehensive health services by working with patients, their families, carers (caregivers), and communities to deliver the highest quality of care across settings.”

Adapted from:

The Centre for the Advancement of Interprofessional Education, UK, 1987

World Health Organization, Framework for Action on Interprofessional Education and Collaborative Practice, 2010.



The National Center for Interprofessional Practice and Education:

- Vision and Goals
- The Nexus
- Strategic Engagements
- IPE Research



We believe high-functioning teams can improve the experience, outcomes and costs of health care.

National Center for Interprofessional Practice and Education is studying and advancing the way stakeholders in health work and learn together.

National Center Funders

- Health Resources and Services Administration Cooperative Agreement Award No. UE5HP25067
 - Robert Wood Johnson Foundation
 - Gordon and Betty Moore Foundation
 - Josiah Macy Jr. Foundation



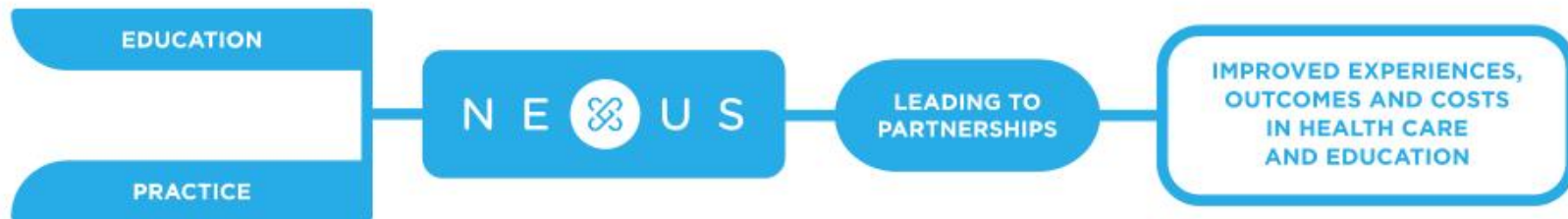
To provide the **leadership, evidence** and **resources** needed to guide the nation on the use of interprofessional practice and education as a way to enhance the experience of health care, improve population health, and reduce the overall cost of care.



We Do This By...

- **Co-creating** and **evaluating** interprofessional practice and education models that reconnect education and collaborative practice in Nexus sites across the U.S. and show the impact of this work on the Triple Aim.
- **Strengthening** and **increasing** the availability of evidence about the effectiveness of interprofessional practice and education in achieving the Triple Aim.
- **Leading** and **facilitating** the national dialogue among stakeholders in education and health care about the effectiveness of interprofessional practice and education in achieving the Triple Aim.





The Triple Aim of Alignment

- Improving quality of experience for patients, families, communities and learners
- Sharing responsibility for achieving health outcomes and improving education
- Reducing cost and adding value in health care delivery and education



Strategic Undertakings of the National Center

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- Resource Center (nexusipe.org): growing number of tools, information and resources
- Nexus Innovations Network - intervention research for data generation and IPECP model testing linking interprofessional practice and education to outcomes
- Sound informatics platform -- National Center Data Repository (NCDR) -- to house generated data for analysis from multiple sources
- Peer reviewed publications and reports
- Presentations, meetings and webinars
- Organizational partnerships
- Contracts for customized services



Select Presentations, Consultations, Partnerships and Contracts for Services

1199/SEIU Funds

American Assembly for Men in Nursing
American Interprofessional Health Collaborative
AMA – Accelerating Change in Medical Education
Association of Nurse Professional Development
American Association of Colleges of Nursing
American Interprofessional Health Collaborative
Association of Academic Health Centers
Association of Nursing Professional Development
Association of Specialized and Professional Accreditors
California Institute for Nursing and Health Care
HRSA Nurse Education, Practice, Quality and Research grantees
Indiana Center for Nursing
Josiah Macy Jr. Foundation

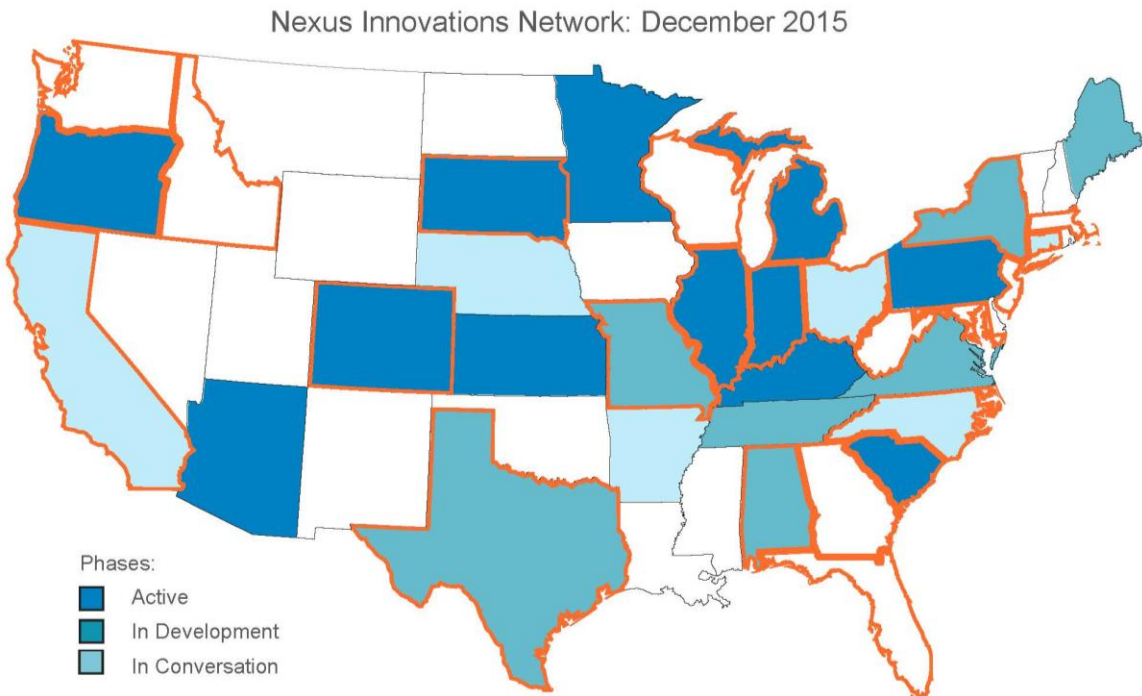
IOM Future of Nursing
IOM Global Forum on Innovations in Health Professions Education
Macy T3 Faculty Development Program
National Advisory Council on Nurse Education and Practice
National Association of Community Health Centers
National Governors Association
National Health Policy Forum
National League of Nursing
National Nursing Centers Consortium
National Quality Forum
Nursing Organizations Alliance
Patient-Centered Primary Care Collaborative
University of North Carolina Cecil G. Shep Center
VA Centers of Excellence in Primary Care



Nexus Innovations Network, HRSA NEPQR, and the National Center Data Repository

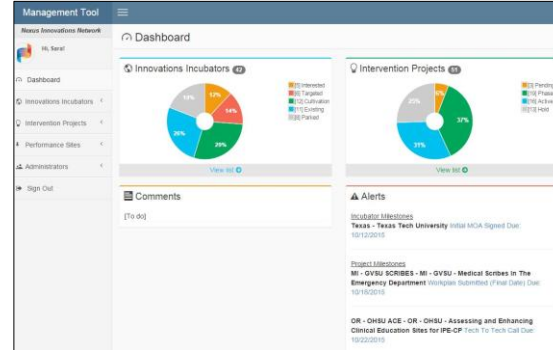
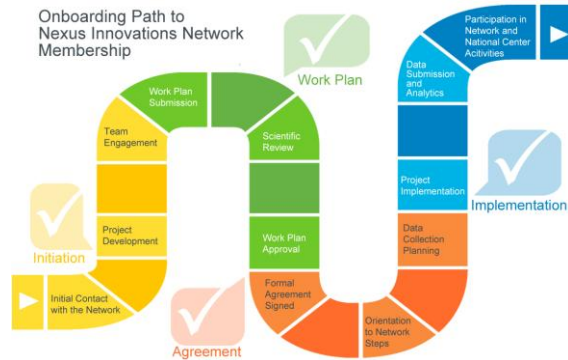
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- Growing research networks (NIN, NEPQR)
- Links practice and education
- Comparative effectiveness research
- National Center Data Repository
- National Center implementation support
- Actionable measurement

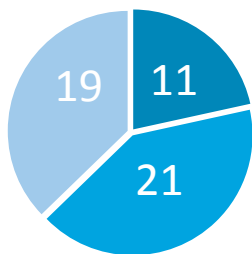


Nexus Innovations Network and NCDR

- Nexus Innovations Network team and Scientific Review Team operate in a mode of continuous improvement
- Latest refinements are designed to create clear expectations and speed cycle time to site gathering data
- Process also helps identify where sites are in the journey and readiness for success



51 Projects in Process



- Active
- In Development
- In Conversation

Among active and incoming projects, we anticipate:

160 separate submissions of intervention data will go into the NCDR

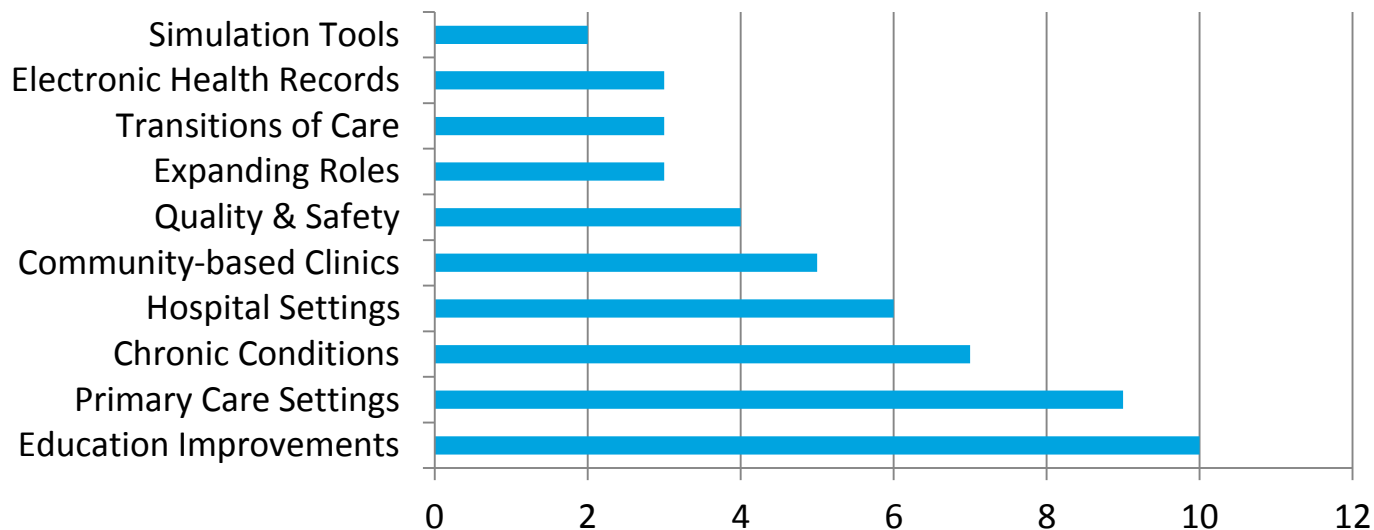
480 cumulative months of inter-professional care delivery will be studied



Nexus Innovations Network Project Categories

16

19 active intervention projects address 10 categories



What we are learning about IPE and workforce development



■ Interprofessional Education and Collaborative Practice: Welcome to the “New” Forty-Year Old Field

Healthcare 2015, 3, 1158-1173; doi:10.3390/healthcare3041158

OPEN ACCESS

healthcare

ISSN 2227-9032

www.mdpi.com/journal/healthcare

Concept Paper

The Application of Informatics in Delineating the Proof of Concept for Creating Knowledge of the Value Added by Interprofessional Practice and Education

Frank Cerra ¹, James Pacala ², Barbara F. Brandt ¹ and May Nawal Lutfiyya ^{1,*}

¹ National Center for Interprofessional Practice and Education, University of Minnesota, Minneapolis, MN 55455, USA; E-Mails: cerra001@umn.edu (F.C.); brandt@umn.edu (B.F.B.)

² Department of Family Medicine and Community Health, University of Minnesota, Minneapolis, MN 55455, USA; E-Mail: pacal001@umn.edu

assessment separate form a relation to that is relevant to and trained by health system reform in the United States (US) is the ultimate research goal of the National Center for Interprofessional Practice and Education at the University of Minnesota. This paper describes the direction and scope for a focused and purposive IPECP research agenda linked to improvement in health outcomes, contextualized by

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nal Practice and Education, University of Minnesota, Minneapolis, 004@umn.edu (J.P.); cerra001@umn.edu (F.C.); @umn.edu (C.D.)

Four Nexus Innovations Network Group Examples

- Pioneer Group:** Medical University of South Carolina
- Second Wave:** South Dakota Interprofessional Practice and Education Collaborative
- Third Wave:** New sites actively onboarding
- Fourth Wave:** Contract for NC services – beginning 2016



Pioneer Group: Medical University of South Carolina

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1990s	Long standing commitment to IPE – dates back to the 1990s
2007	Refreshed commitment in Southern Association of Colleges and Schools Quality Enhancement Plan IPE
2007 - 1	“Extremely important: AND the stakes are high that it is successful.”
2012	Major leadership changes, including IPE Pioneer Site
2013 - 15	Re-organization; National Center project: TeamSTEPPS – student observations of actual clinical teams, entering data into the NCDR
2015	First cycle of data; Refresh of SACS QEP: Interprofessional, Collaborative Practice focus



*'It's time for action. It's time for all
the players to get involved.'*

*- Dr. Carla Dieter, Chair, USD Department of Nursing and
chair of South Dakota Interprofessional Practice and Education Collaborative*

Leading South Dakota to a Healthier Future

Nursing Program Chair Guides
Interprofessional Movement in South Dakota

by Peter Carrels



Among the motivating factors for the National Center is the need for rigorously produced and scientifically sound evidence regarding IPECP.

- Proof of concept published by Healthcare, November 2015. (Open access available)
- Establishes that the National Center methodology meets criteria for “proof of concept” by demonstrating the successful linking of data collected from different NCDR surveys in order to answer questions about the impact of interprofessional education on collaborative practice and eventually on Triple Aim derived health outcomes.
- Also possible and essential to the proof of concept for the NCDR is the thematic analysis of qualitative data collected from open text questions.



Example of Proof of Concept Bivariate Analysis

Bivariate Analysis with Team Care Provided as Outcome or Dependent Variable

Predictor Variables or Covariates		Team Care Provided		2-Sided Chi-Square P Values (alpha=.05)
		% No	% Yes	
IPECP Essential In Process Of Care	Never	59.1	30.2	.022
	Occasionally	13.6	17.5	
	Often/Routinely	27.3	52.4	
Instructed on Team Competencies	No	59.1	32.3	.013
	Yes	40.9	67.7	
Exposed to IPE	No	72.7	43.4	.009
	Yes	27.3	56.6	



The patient-centered curriculum

Spontaneous team leaders

Benefits of the Nexus to students and residents

PROGRESS AND PROMISE:

Profiles in Interprofessional Health
Training to Deliver Patient-
Centered Primary Care



What We Are Observing and Learning

- ✓ The concept of teams is taking hold throughout the United States and will be increasingly incentivized in new models of care and payment systems.
- ✓ “Health care” is shifting to ambulatory and community settings – new and important roles in nursing.
- ✓ Retraining and retooling the current workforce to be competent in interprofessional collaborative practice is an imperative and how the health care transformation will get done.
- ✓ Many faculty do not understand the profound and fundamental change in the U.S. health care delivery system and the implications for their students and graduates. There is a great need to partner for workforce development.
- ✓ Great need for new models of learning to drive new models of care.
- ✓ It is about culture change and leadership at all levels.



National Center Resources and Services



The Resource Center (nexusipe.org)

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- ✓ Open access
- ✓ National Center news
- ✓ Community-generated resources
- ✓ National Center resources and toolkits
- ✓ Public and private discussions
- ✓ IPE Measurement Curation
- ✓ National Center publications
- ✓ Ambassador training



Amina in the Nexus

<https://nexusipe.org/engaging/learning-system/amina-nexus-0>



Preceptor as Learner ?

Online Modules	Group Learning Materials
An Introduction to Interprofessional Collaboration	Madness to Methods
Facilitating Interprofessional Discussions: Best Practices	Role Play Cards
Interprofessional Precepting: Best Practices	Objective Structured Teaching Experience (OSTE)
Enhancing Interprofessional Practice and Education at Your Site	Madness to Methods

Preceptor as Interprofessional Educator ?

Educational Tools
Interprofessional Crucial Conversations/Conflict Resolution
Interprofessional Agents of Change
Interprofessional Team Evaluation
Interprofessional Journal/Book Club
Interprofessional Pandora's Box
Interprofessional Standardized Patient Simulation
Interprofessional Quality Improvement
Interprofessional Debriefing Guides

Preceptor as Interprofessional Champion ?

Practice Transformation Tools
Interprofessional Group Visit and Home Visit Guides
National Models and Resources for Interprofessional Practice Transformation

Preceptors in the Nexus

<https://nexusipe.org/engaging/learning-system/preceptors-nexus-toolkit>





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T3 TRAIN-THE-TRAINER FACULTY DEVELOPMENT PROGRAM: Interprofessional Education Faculty Development for Educators

T3 TRAIN-THE-TRAINER FACULTY DEVELOPMENT PROGRAM: INTERPROFESSIONAL EDUCATION FACULTY DEVELOPMENT FOR EDUCATORS

The National Center for Interprofessional Practice and Education is pleased to present the T3 Faculty Development Training Program, supported by funds from the Josiah Macy Jr. Foundation and led by Brenda Zierler, PhD, RN, FAAN & Les Hall, MD (Co-principal Investigators).



T3 Train-the-Trainer

Interprofessional Faculty Development Program

The National Center is pleased to present the T3 Faculty Development Training Program, a comprehensive series of workshops with a focus on interprofessional practice and education. The workshops are hosted at three sites around the country:

A selection of customized services designed to meet organizational goals in support of interprofessional practice and education:

- Curriculum design and implementation
- Evaluation consultation
- Nexus leadership coaching and convening
- Data analysis with existing data for peer-review publications
- National Center customized workshops
- Joint sponsorship, marketing, development of programming



Examples of Current Fee-based Contracts for Services

- Interprofessional curriculum design and implementation for two existing national programs
- Program design for regional health care meeting
- Analysis of existing data for peer review publications
- Program design around interprofessional practice for clinical environment
- Marketing, registration and tracking for a national faculty development program



Have something specific in mind?

To explore collaboration on a specific effort,
please contact Jeny Kertz, National Center deputy director, at jkertz@umn.edu or 612.624.1923.



Ignite the IPE Movement!



What You Can Do Now...

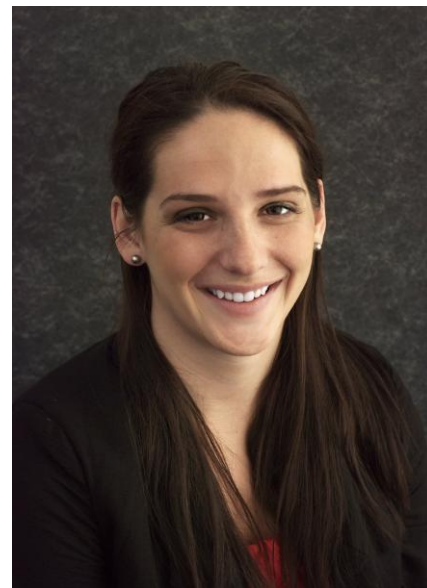
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Join the IPE movement at nexusipe.org

Create a profile and join the discussion

asknexus@umn.edu for inquiries

Many tools and resources available – webinars, online modules, publications, tools, presentations and more...



Meet Meghan



Ignite the IPE Movement!

- ✓ Showcase your members work in interprofessional practice and education
- ✓ Integrate interprofessional collaborative practice in your current programming
- ✓ Highlight various teams utilized in new models of care for your publications
- ✓ Create an organization profile on the Resource Center – nexusipe.org -- and encourage your teams to participate
- ✓ Contribute a presentation, tool, publication or other resource to the growing collection
- ✓ Submit a story or blog about your IPE journey to share with the National Center community
- ✓ Share your experience with an existing resource by making a comment or posing a question
- ✓ Become an ambassador of the National Center to share the latest evidence, resources and services with the growing community
- ✓ Mark your calendar: National Interprofessional Consensus Summit, August 22 – 23, 2016



Questions and Take-Aways...

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What worked well?

What could we improve?

Any other feedback is welcomed.





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