



NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION

MIPERC Conference
September 21, 2017

The National Center for Interprofessional Practice and Education:

Catalyzing the Future of IPE

Barbara F. Brandt, PhD, Director

Telling the story of the National Center for Interprofessional Practice and Education

- **Charge to the National Center to transform both education and health care**
- Thought Leadership: Minding the gap of the current turbulent IPE environment
- Tools You Can Use: National Center Resource Center
- The National Center Knowledge Generation – Research Portfolio
- Education and Training



Learning Partner Acknowledgement

Many thanks to all of our advisors, program participants, Nexus Innovations Network, funders, and many stakeholders from whom we learn every day.

Special thanks:

National Center Founders Council

National Advisory Council

Nexus Learning System Advisory Committee

American Interprofessional Health Collaborative

Angela Willson, National Center Education & Training Manager

“Conversation Café” Champions



Interprofessional Education and Collaborative Practice

The “New IPE” – Interprofessional Practice and Education

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 and residents** 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.



What We Value: National Center Vision

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

John A. Hartford Foundation



What We Value: National Center Vision

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

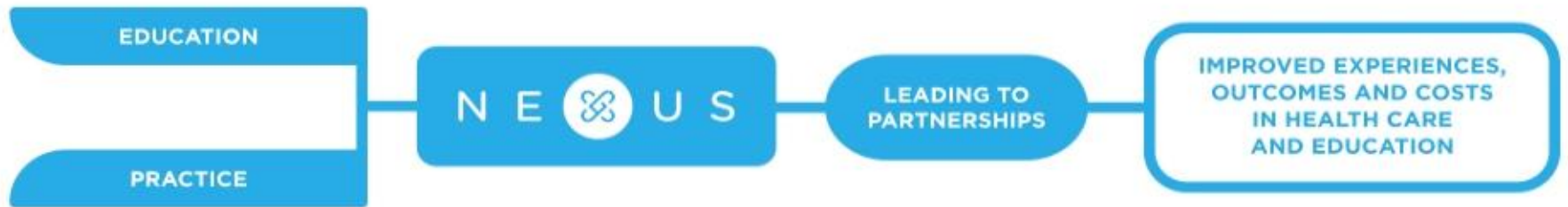
Gordon and Betty Moore Foundation

Josiah Macy Jr. Foundation

John A. Hartford Foundation



The Nexus: Our Vision for Health nexusipe.org



Triple Aim of Alignment

Improving quality of experience for patients, families, communities and learners

Sharing responsibility for achieving health outcomes and improved learning

Reducing cost and adding value in health care delivery and education



The Nexus

Creating a deeply connected, integrated learning system to transform education and care together



HRSA Principles

June 1, 2012 Funding Opportunity Announcement

A coordinating center for interprofessional education and collaborative practice will provide **leadership, scholarship, evidence, coordination, and national visibility** to advance interprofessional education and practice as a viable and efficient health care delivery model. (p.4)

“Unbiased, neutral convener”



Nine HRSA interdependent goals

6.1.12 Funding Opportunity Announcement

1. Provide unbiased, expert guidance
2. Provide supporting evidence
3. Identify exemplary IPECP environments
4. Prepare academic and practice faculty and preceptors
5. Collect, analyze, and disseminate data metrics
6. Coordinate IPECP scholarly, evaluation and dissemination efforts
7. Evaluate the impact of team-based care
8. Develop new, and support and/or enhance existing team-based IPECP programs across the U.S.; and
9. Convene and engage IPECP thought leaders, educators, practitioners, and policy-makers



The Nexus Focus: Practice, Education and Policy Interplay

Learner Pipeline

Today I owe:



Health Workforce for New Models of Care

How do we create a health workforce in the right locations, specialties and practice settings that has the skills and competencies needed to meet the demands of a transformed health care system while preventing burnout?

Patients, Families & Communities

How do we improve the patient experience of care, improve the health of populations, and reduce the per capita cost of health care simultaneously?



Unbiased, Neutral Convener: “Calling the circle”

- Convenes groups and tees up “thorny IPE issues” topics for discussion and recommendations
- Works inter- and intra-professionally to promote dialogue and understanding
- Cannot favor one profession over the other
- Cannot advocate for one model over the other
- Collects data and information to make sense while striving to be objective



Unbiased, Neutral Convener: “Calling the circle”

- Advances thinking about the field based upon evidence, experience and expertise
- Based upon evolving models of IPE, identifies partners to educate and train in specialized areas
- Advocates for our values, based upon what we are learning makes a difference
- Says what needs to be said. . .



Telling the story of the National Center for Interprofessional Practice and Education

- Charge to the National Center to transform both education and health care
- **Thought Leadership: Minding the gap of the current turbulent IPE environment**
- Tools You Can Use: National Center Resource Center
- The National Center Knowledge Generation – Research Portfolio
- Education and Training



A National Birdseye View: Themes and Observations

Select Presentations, Consultations, Partnerships and Contracts for Services

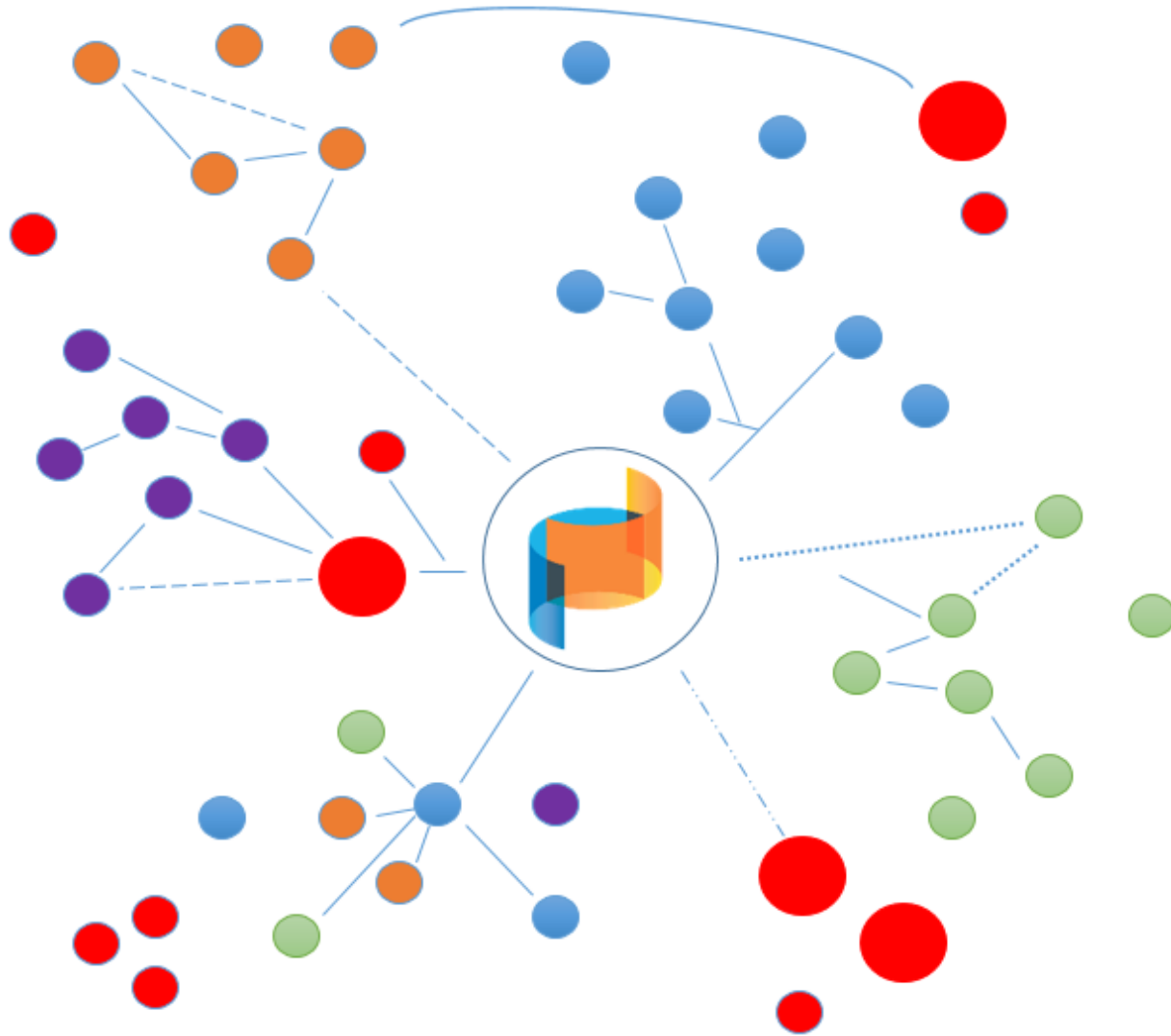
- 1199/SEIU Training Funds
- 3M
- Accreditation Council of Graduate Medical Education
- American Assembly for Men in Nursing
- American Interprofessional Health Collaborative
- AMA – Accelerating Change in Medical Education
- Association of Nurse Professional Development
- American Association of Colleges of Nursing
- American Association of College of Pharmacy
- American Board of Medical Specialties
- American Interprofessional Health Collaborative
- American Medical Association
- Association of Academic Health Centers
- Association of Nursing Professional Development
- Association of Schools and Programs of Public Health
- American Physical Therapy Association
- Association of Specialized and Professional Accreditors
- Beyond Flexner Alliance
- California Institute for Nursing and Health Care
- Centers for Medicare and Medicaid Services
- Council on Social Work Education
- HRSA Nurse Education, Practice, Quality and Research grantees
- Indiana Center for Nursing
- Joint Accreditors of Interprofessional Continuing Education
- Josiah Macy Jr. Foundation
- Institute for Healthcare Improvement (IHI)
- Interprofessional Education Collaborative (IPEC)
- IOM Future of Nursing
- IOM/NAM 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 Nurse-lead Centers Consortium
- National Quality Forum
- Nursing Organizations Alliance
- OptumHealth
- Patient-Centered Primary Care Collaborative
- Respiratory Nurses Society
- University of North Carolina Cecil G. Shep Center
- University of North Texas Health Sciences Center
- University of Texas-Houston
- VA Centers of Excellence in Primary Care
- World Health Organization / Pan American Health Organization
- And more
- Many team site visits -- scores of universities and practices
- Many calls, emails. . . .



Satellite and Big Blue Marble

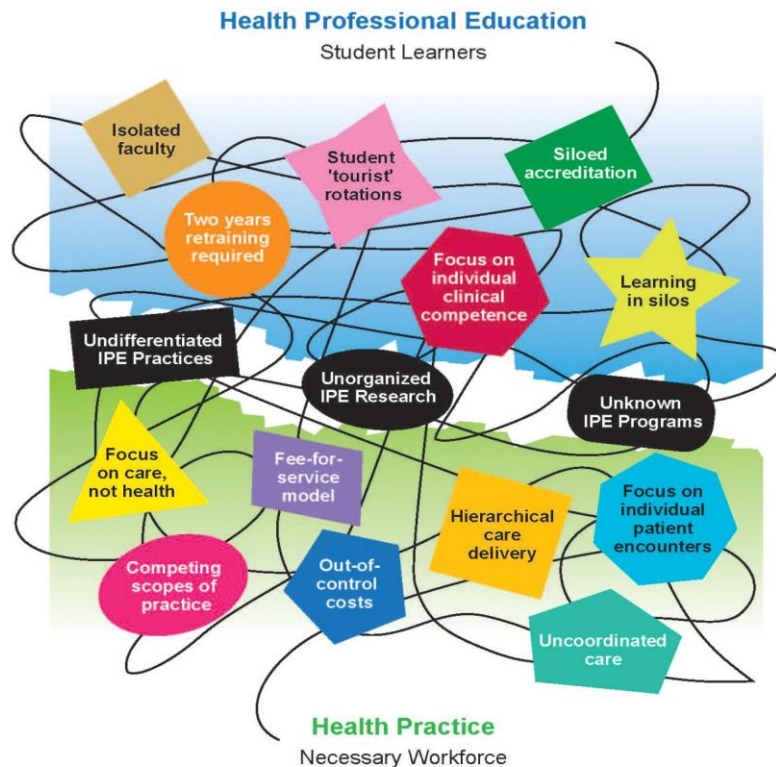


View from the Satellite: Interconnection of Organizations

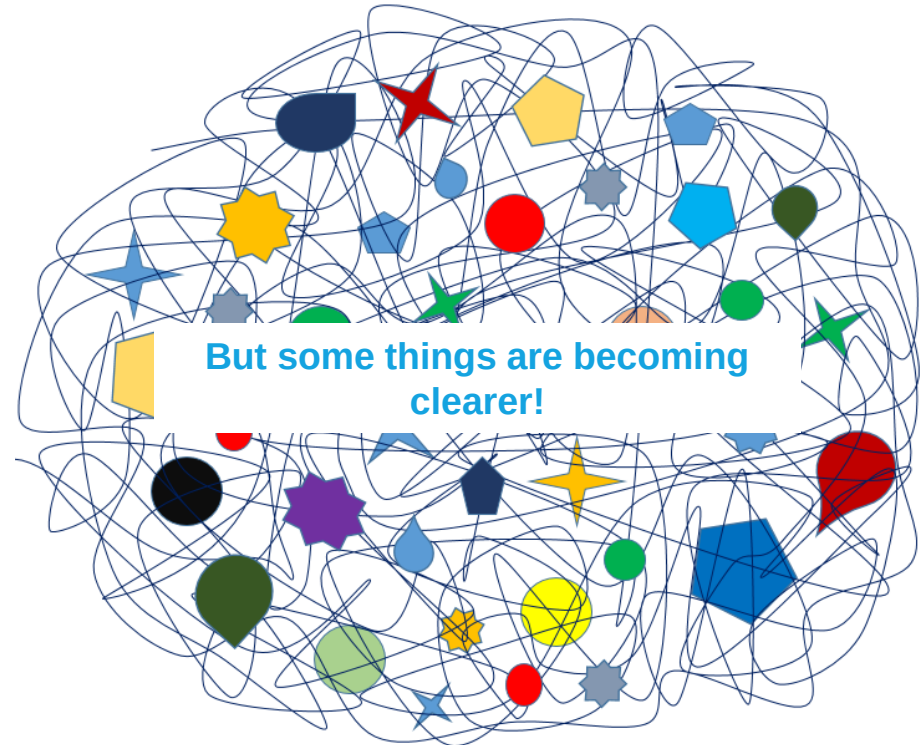


Changing Views – 2013 and Today

2013 View from the Balcony



2017 View from the Satellite



“True North”: What Does it Mean?

- Commitment to interprofessional teams
- Value-based payment models
- “Consumer-driven” health care





NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION

Thought Leadership

Strategic Imperative: Shape the future of the field among key stakeholders across practice, education and policy by simultaneously sharing new knowledge and testing emerging theories in practical environments through a network of affiliates and ambassadors

Education and Training

Strategic Imperative: Utilize cutting-edge knowledge through data, experience, and expertise to create an innovative Nexus Learning System to share the latest learning and tools

Knowledge Generation

Strategic Imperative: Facilitate evidence-based research approaches to inform practice and learning in real time using standardized processes, scholarly dissemination

Strategic Focus Areas

Resource Center

Strategic Imperative: Leverage institutional and community expertise in a robust framework to serve the end-user in the vanguard of IPE in practice

Thought Leadership



NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION



Results: Annual Nexus Summit

2016 Summit

August 21-23
Hilton Minneapolis

Convened by the National Center for Interprofessional Practice and Education
& co-hosted by the American Interprofessional Health Collaborative



Learning Together at the Nexus:
National Center Summit on the Future of IPE

2016

2017 Summit

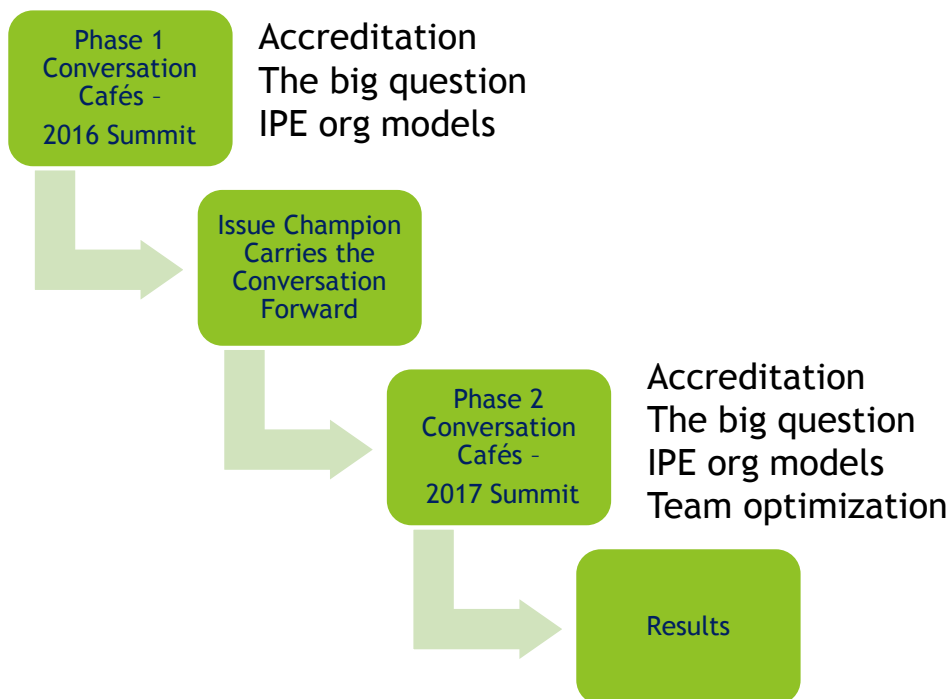
**Learning Together at the Nexus:
Provocative Ideas for Practical IPE**



THE NEXUS
SUMMIT

AUGUST 20-23, 2017, MINNEAPOLIS

Phase II Conversation Café: Accreditation



Telling the story of the National Center for Interprofessional Practice and Education

- Charge to the National Center to transform both education and health care
- Thought Leadership: Minding the gap of the current turbulent IPE environment
- **Tools You Can Use: National Center Resource Center**
- The National Center Knowledge Generation – Research Portfolio
- Education and Training



Resource Center



NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION



The Resource Center Nexus:
A unique space of shared value that
brings together demonstrated expertise
and new beginnings.

Nexusipe.org

**NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION**

Search  [Angela Willson](#)

Informing | Connecting | Engaging | Advancing

**Learning Together at the Nexus:
Provocative Ideas for Practical IPE**



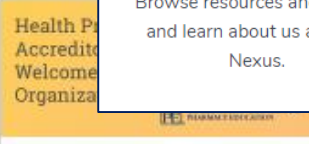
**THE NEXUS
SUMMIT**

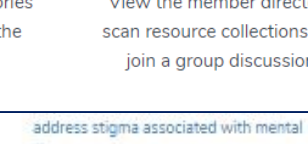
AUGUST 20-23, 2017, MINNEAPOLIS

Our Mission
The National Center offers and supports evaluation, research, data evidence that ignites the field of interprofessional practice and education and leads to better care, added value and healthier communities.

Latest Nexus News

**National Center Announces New Knowledge Generation Organizational Structure**
posted Jun 07, 2017

**Health Professions Accreditors Collaborative Welcomes 17 New Member Organizations**
posted May 03, 2017

**IPEC Announces Inaugural USPHS Award Winner and Finalists Recognized for Excellence in IPE**
Examining the nature of interprofessional interventions designed to promote address stigma associated with mental illness.

1,637
IPE
RESOURCES

INFORMING

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

4,718
COMMUNITY
MEMBERS

CONNECTING

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

21
EDUCATIONAL
OFFERINGS

ENGAGING

Find an educational opportunity and the latest IPE events.

81
RESEARCH
PROJECTS

ADVANCING

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



Sessions by Country – April 2016-2017



Amina in the Nexus

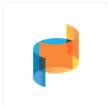


NATIONAL CENTER for
INTERPROFESSIONAL
PRACTICE and EDUCATION

Engaging › Learning System › Amina in the Nexus

NEXUS LEARNING SYSTEM

Amina in the Nexus



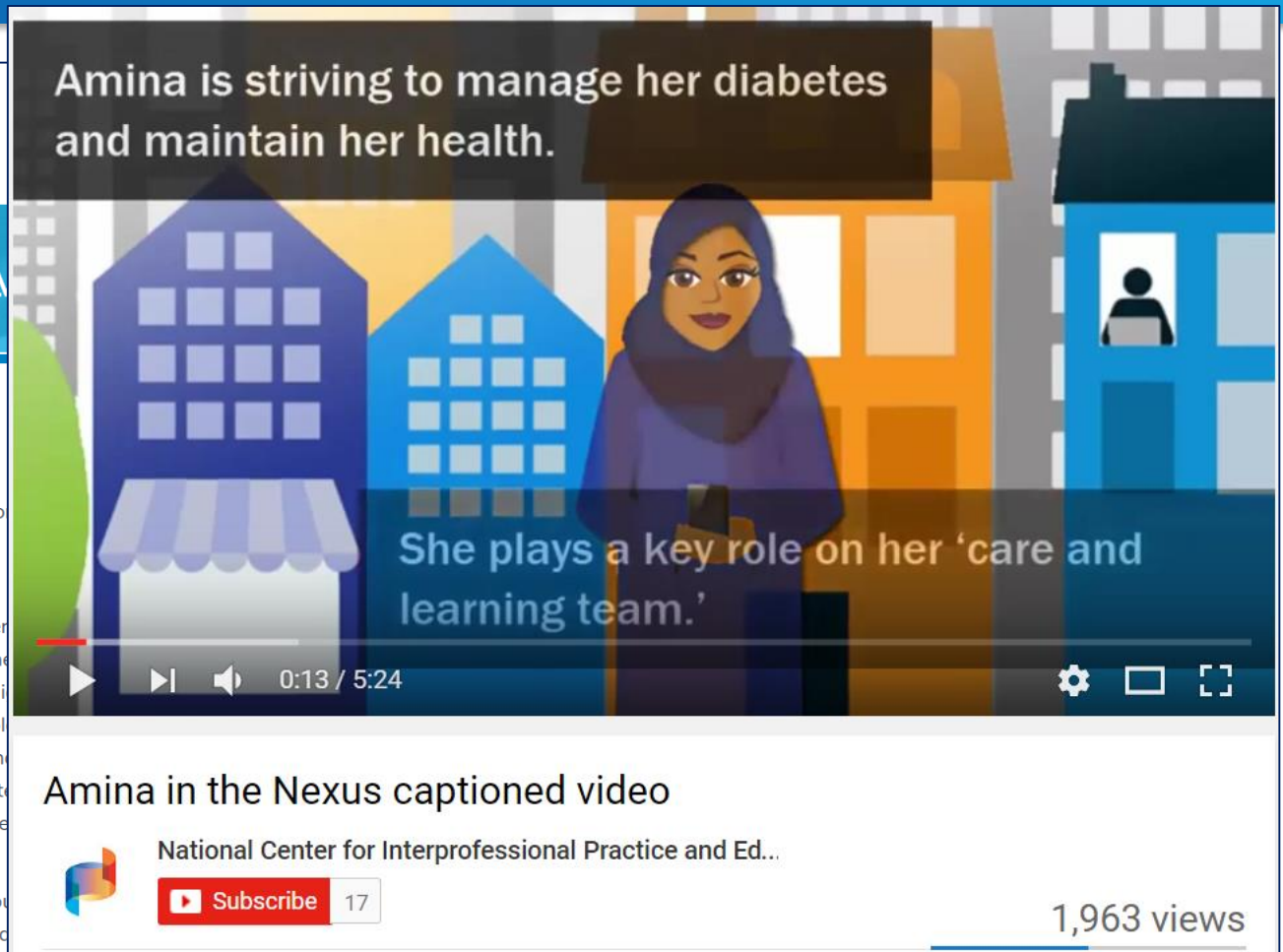
Submitted by National Center... o

Amina in the Nexus shares the National Center Education's vision for health care delivery in the individuals see the potential of the Nexus to align interprofessional education to achieve the Triple of care, improving the health of populations and care. The video and supporting resources are tailored for audiences, including health professionals, health faculty, students and community members.

The National Center is pleased to offer you – our resources about Amina to help you share the id

know if you have feedback on these items or suggestions for additional content. Our goal

resources useful and flexible enough to adapt to your



[Click here to watch Amina](#)



Resource Center: Freely Available Institutional and Community Expertise

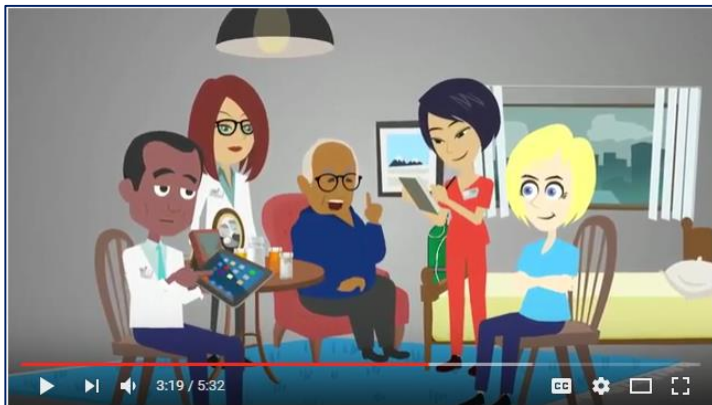


Carl in the Nexus

[Click here to watch Carl in the Nexus](#)

Carl in the Nexus

Facilitator Guide



Resource Center: Freely Available Institutions

Lessons from the Field: Promising Interprofessional Collaboration Practices

This [Robert Wood Johnson Foundation](#) report profiles hospitals and community health centers that utilize interprofessional collaboration to achieve better patient outcomes. The report, "Lessons from the Field: Promising Interprofessional Collaboration Practices," helps health care organizations understand the benefits of interprofessional collaboration and offers a practical approach.

The report details the experiences of health care organizations among physicians, nurses, nutritionists, psychologists, and other health professionals, from the planning stages through various implementation phases. The patient and the patient's family are also considered.

Approaches to establish a culture that embraces interprofessional collaboration include:

- Promote a culture that "puts patients first";
- Demonstrate leadership commitment to collaboration as an organizational priority;
- Create a level playing field among the varying professional roles; each is valued to the full extent of their license;
- Use shared language and tools to promote effective communication across disciplines; and
- Train the different disciplines together.



LESSONS FROM THE FIELD

Promising Interprofessional
Collaboration Practices

A Project of the Robert Wood Johnson Foundation



Lessons from the Field: Promising Interprofessional Collaboration Practices



NexusIPE

 Subscribe 0

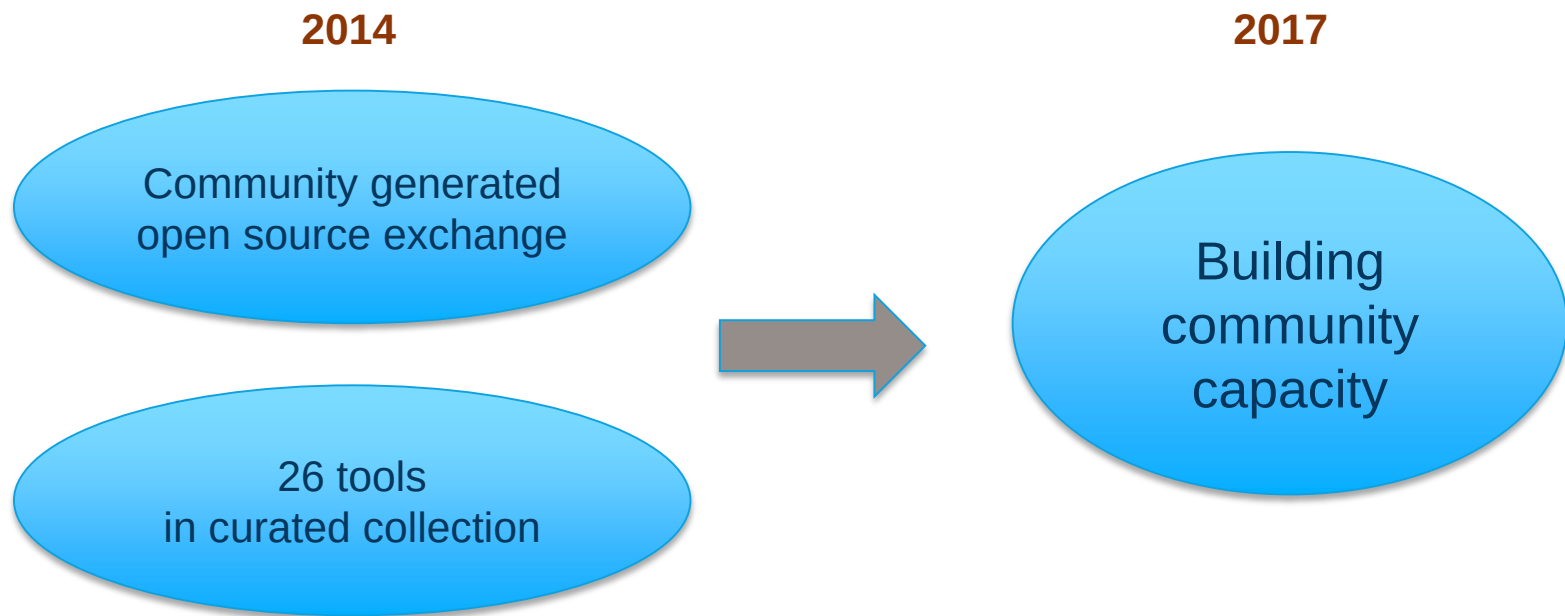
2,050 views

 Add to  Share  More



Number One Request: “Assessment”

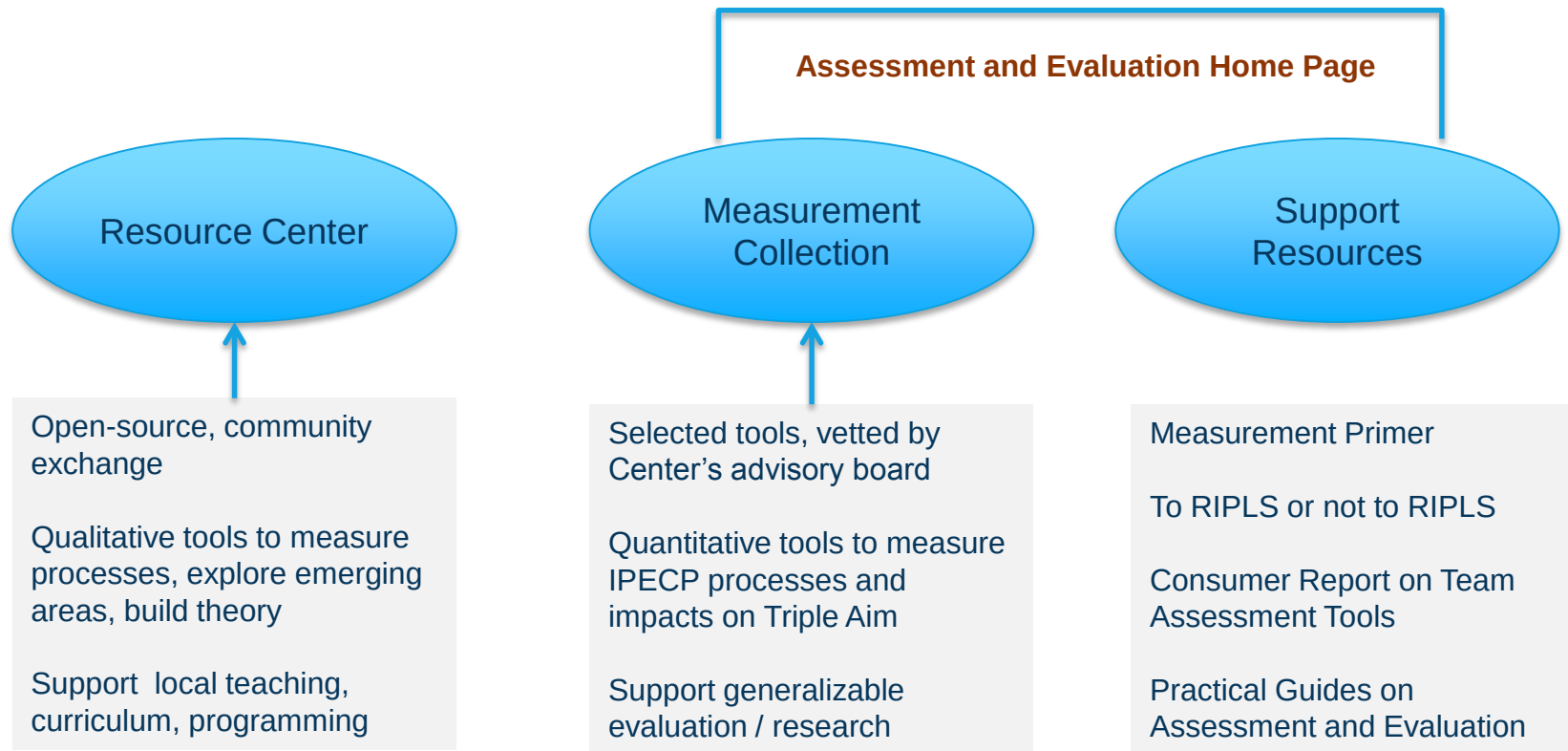
- Evolution of the measurement collection
- Importance of research on linkages between education, practice, and Triple Aim (cost, quality, patient experience)



Today: Building Capacity in Foundation Areas*

Nexusipe.org

*Measurement, assessment, evaluation



Resource Center: Freely Available Institutional

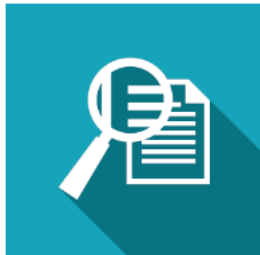
Assessment & Evaluation

Our mission is to promote best practices in assessment within the interprofessional education and collaborative practice communities.

This site is a gateway to measurement tools and can help you assess individuals, teams, or work environments to evaluate the impact of interprofessional education practice on Triple Aim Outcomes.

Webinar Recordings

What Should I Consider When Selecting a Measurement Tool?



Practical Guides: Moving Theory into Effective Action



SEARCH FOR MEASUREMENT TOOLS

ASSESSMENT AND EVALUATION

This is your gateway to finding measurement tools that can be used to assess individual learners, groups, teams, practice environments, and organizations; and to evaluate the impact of interprofessional education programs and collaborative practice on Triple Aim Outcomes.

Refine by

Who is being assessed/evaluated?

- ☐ Teams (23)
- ☐ Individuals (21)
- ☐ Organizations (10)
- ☐ Informal groups, networks, colleagues (5)

Instrument type

- ☐ Self-report (e.g., survey, questionnaire, self-rating) (35)
- ☐ Observer-based (e.g., rubric, rating tool, 360 degree feedback) (15)
- ☐ Recording template (e.g., chart audit) (1)

Instrument content

- ☐ Reported perceptions, experiences of working relationships, teamwork (20)
- ☐ Behaviors / skills (19)
- ☐ Attitudes, values, beliefs regarding IPE, IPCP, professions (10)
- ☐ Organizational environment, culture (7)
- ☐ Patient / client health status (4)

Show more

Access

- ☐ Open access (available on this website) (30)
- ☐ Subscription (can be viewed in journal article) (10)

Search for tools

type here to search

Reset

SORT BY [RECENTLY ADDED](#) [MOST COMMENTS](#) [MOST POPULAR](#) [TITLE](#)

Showing 1 - 10 of 47

Interprofessional Socialization and Valuing Scale (ISVS-21)

The ISVS-21 represents a refinement of a previous tool (ISVS-24, King et al., 2010); both are self-report instruments designed to measure interprofessional socialization among students and health practitioners and their readiness to function in interprofessional teams. Items were developed to capture respondent beliefs, attitudes, and behaviors at baseline and at post-intervention time periods. The original ISVS has been used in multiple studies. The purpose of the study reported here was to...

King, G. | Orchard, C. | Khalili, H. | Avery, L.

Students Perceptions of Interprofessional Clinical Education Revised (SPICE-R)

The SPICE-R is a short (10-item) self-report survey designed to measure health professions students' perceptions of interprofessional education and interprofessional collaborative practice. It represents a variation of an earlier instrument (SPICE-1), which was developed specifically for medical and pharmacy students. Items reflect a 3-factor model capturing interprofessional teamwork and team-based practice; roles and responsibilities for collaborative practice; and patient outcomes from...

Dominquez, D.G. | Fike, D.S. | MacLaughlin, E. J. | Zorek, J.A.

Performance Assessment Communication and Teamwork Tools Set (PACT)

The PACT Tool set was designed by faculty and staff at the University of Washington (Center for Health Sciences, Interprofessional Education, Research, and Practice), as part of a Macy and Hearst Foundations grant to develop a simulation-based team training program for pre-licensure health



Resource Center: Freely Available Institutional and Community Expertise

RESOURCE CENTER

Involving Team Members

This interactive eLearning module focuses on involving team members in primary care. It uses a patient scenario to demonstrate how to involve team members in primary care visits.

Author(s):
Gerri Lamb, PhD, RN, FAAN, College of Nursing, Northern Arizona University
Kate Watkins, DNP, RN, CPNP, College of Nursing, Northern Arizona University

Link to Resource:
<http://links.asu.edu/pcm2>

Subject:
Caregivers
Collaborative Practice
Education & Learning

Involving Team Members in Primary Care Practice

Feedback



• AIHC Webinar Series: An Empirically Developed Toolkit to Diagnose and Improve Interprofessional



Resource Center: Freely Available Institutional and Community Expertise

RESOURCE CENTER

What is Interprofessional

This interactive eLearning module de
value to you in your practice. The mo
activities that highlight practical way
experiences.

Author(s):

Gerri Lamb, PhD, RN, FAAN, College
University

Link to Resource:

<http://links.asu.edu/fm1>

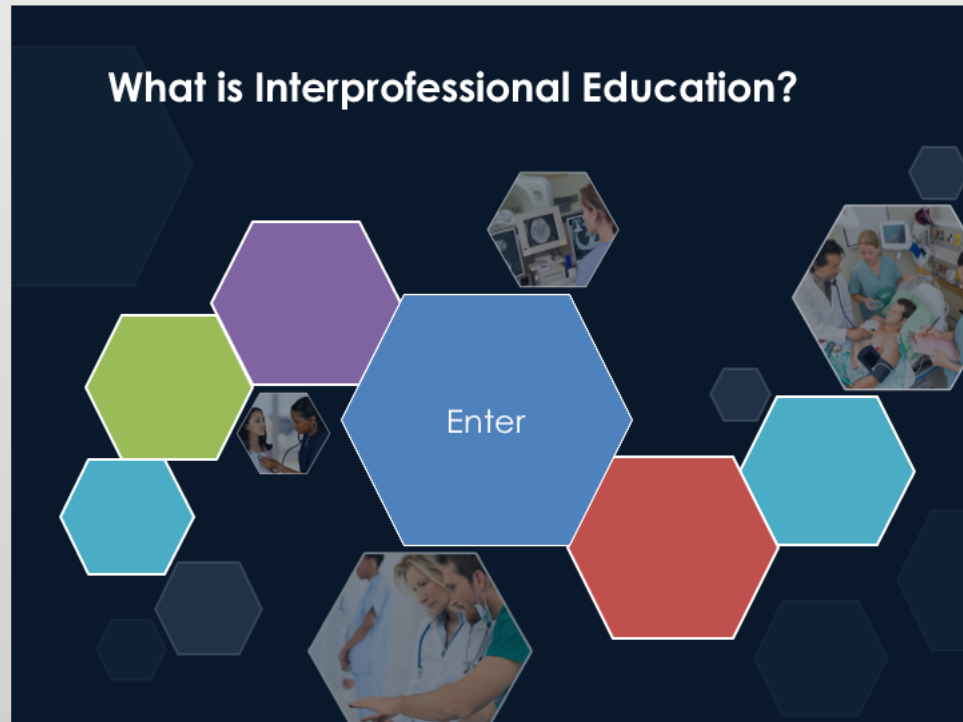
Subject:

Collaborative Practice
Education & Learning
Teamwork

What is Interprofessional Education?

Feedback

What is Interprofessional Education?



Collaboration: Using Online Education
Across Institutions



Resource Center: Freely Available Institutional and Community Expertise

Preceptors in the Nexus Toolkit



Submitted by National Center... on Sep 1, 2015 - 10:4

Ready to transform your clinical site into an interprofessional collaboration

WHAT YOU'LL GET FROM THIS TOOLKIT

A wide array of tools that support and enrich interprofessional practice development opportunities for clinical preceptors who facilitate interprofessional education in any or all of the tools in a variety of settings- everything is customizable in a variety of formats:

- web-based modules for preceptor development.
- active-learning materials and facilitator guides for face-to-face
- interprofessional education materials to be used with learners
- interprofessional collaborative practice materials and other resources

WHO THIS TOOLKIT IS FOR

This toolkit will help preceptors in any healthcare profession who want to develop and/or champion interprofessional practice and education at their clinical site.

Please note that a National Center user account is required to access the toolkit.

Preceptor as Learner ?

Online Modules

An Introduction to Interprofessional Collaboration

Group Learning Materials

Madness to Methods

interprofessional-practice-and-education

Best Practices

Role Play Cards

Preceptor as Learner ?

Online Modules

An Introduction to Interprofessional Collaboration

Facilitating Interprofessional Discussions: Best Practices

Interprofessional Precepting: Best Practices

Enhancing Interprofessional Practice and Education at Your Site

Group Learning Materials

Madness to Methods

Role Play Cards

Objective Structured Teaching Experience (OSTE)

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



Resource Center: Freely Available Institutional and Community Expertise

LATEST RESEARCH

The National Center is charged to produce information and evidence – through scholarly contributions and partnerships – about the use and effectiveness of interprofessional models from data gathered through participants in the Nexus Innovations Network and the National Center Data Repository (NCDR).

Below is a selected list of recent original publications and research:

Brandt, B.F., Schmitz, C. C. (2017) [The US National Center for Interprofessional Practice and Education Measurement and Assessment Collection](#). *Journal of Interprofessional Care*, 00(0): 000-000. doi: 10.1080/13561820.2017.1286884

Lutfiyya, M.N., Tomai, L., Frogner, B., Cerra, F., Zismer, D., Parente, S. (2016) [Does primary care diabetes management provided to Medicare patients differ between primary care physicians and nurse practitioners?](#) *Journal of Advanced Nursing*, 00(0), 000-000. doi: 10.1111/jan.13108

Brandt, B. The Formation and Development of the National Center for Interprofessional Practice and Education. In: Forman, D; Jones, M; Thistlethwaite, J eds. *Leading Research and Evaluation in Interprofessional Education and Collaborative Practice*. United Kingdom: Palgrave Macmillan, 2016.

Little, MM; St. Hill, CA; Ware, KB; Swanoski, MT; Chapman, SA, Lutfiyya, MN; Cerra, FB (2016). [Team science as interprofessional collaborative research practice: a systematic review of the science of team science literature](#). *Journal of Investigative Medicine*, 64:6.

Lutfiyya, NM; Tomai, L; Frogner, B; Cerra, FB; Zismer, D; Parente, S (2016). [Does Primary Care Diabetes Management Provided Medicare Patients Differ between Primary Care Physicians and Nurse Practitioners?](#) *Journal of Advanced Nursing*, e-pub ahead of print.

Cox, M; Cuff, P; Brandt, BF; Reeves, S; Zeirler, B (2016). [Measuring the impact of interprofessional education on collaborative practice and patient outcomes](#). *Journal of Interprofessional Care*, 30:1, 1-3.

Hager, K; St. Hill, CA; Prunuske, J; Swanoski, M; Anderson, G; Lutfiyya, MN (2016). [Development of an interprofessional and interdisciplinary collaborative research practice for clinical faculty](#). *Journal of Interprofessional Care*, 30:2, 265-267.

Lutfiyya, MN; Brandt, BF; Cerra, FB (2016). [Reflections From the Intersection of Health Professions Education and Clinical Practice: The State of the Science of Interprofessional Education and Collaborative Practice](#). *Academic Medicine*, 91:6, 766-771.

Cerra, FB; Pacala, J; Brandt, BF; Lutfiyya, MN (2015). [The Application of Informatics in Delineating the Proof of Concept for Creating Knowledge of the Value Added by Interprofessional Practice and Education](#). *Healthcare*, 3, 1158-1173.

Lutfiyya, M. N., Brandt, B., Delaney, C., Pechacek, J., & Cerra, F. (2015). [Setting a research agenda for interprofessional education and collaborative practice in the context of US health system reform](#). *Journal of Interprofessional Care*, 1-8.

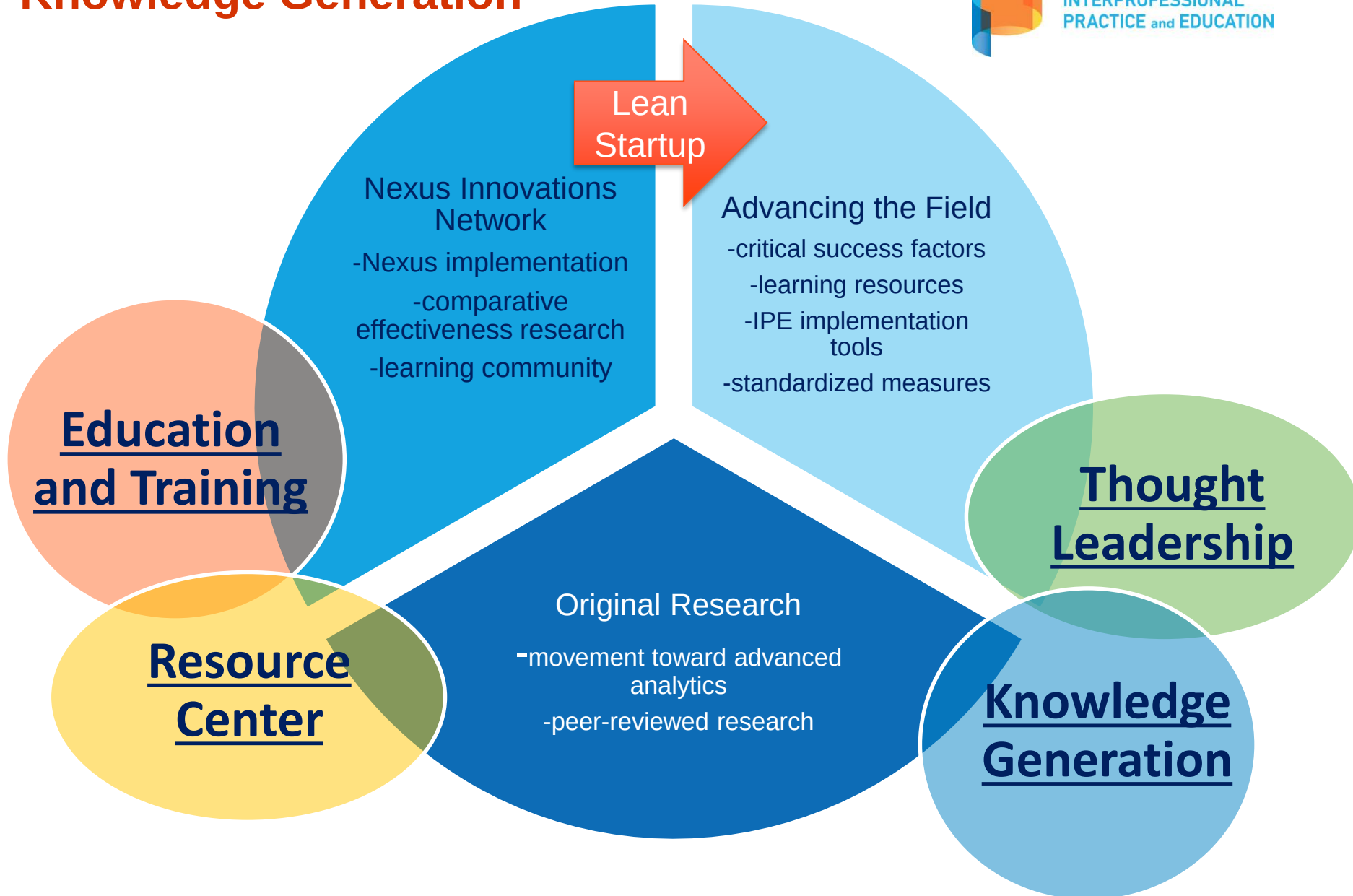


Telling the story of the National Center for Interprofessional Practice and Education

- Charge to the National Center to transform both education and health care
- Thought Leadership: Minding the gap of the current turbulent IPE environment
- Tools You Can Use: National Center Resource Center
- **The National Center Knowledge Generation – Research Portfolio**
- Education and Training



Knowledge Generation



Leadership in Knowledge Generation



Connie Delaney, PhD, RN, FAAN, FACMI, FNAP
Professor and Dean, School of Nursing
University of Minnesota

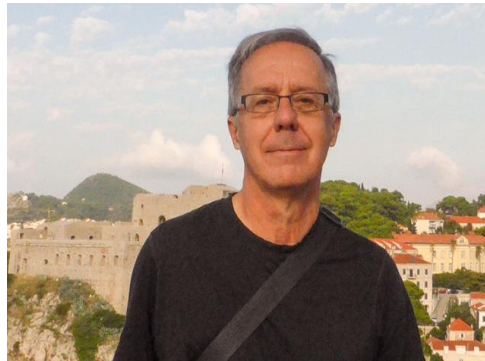
- Fellow, College of Medical Informatics
- Former Acting Director, University of MN Institute for Health Informatics
- Inaugural appointee, USA Health Information Technology Policy Committee, HHS Office of the National Coordinator
- Active researcher and writer in areas of national data and information technology standards development, integrative informatics, outcomes/safety, big data and data analytics, translational science



Knowledge Generation Team



Ahmad AbuSalah, PhD
Lead Informaticist



David Radosevich, PhD, RN
Epidemiology & Biostatistics



James Pacala, MD, MS
Chair, Scientific Review Team



Amy Pittenger,
PharmD, MS, PhD



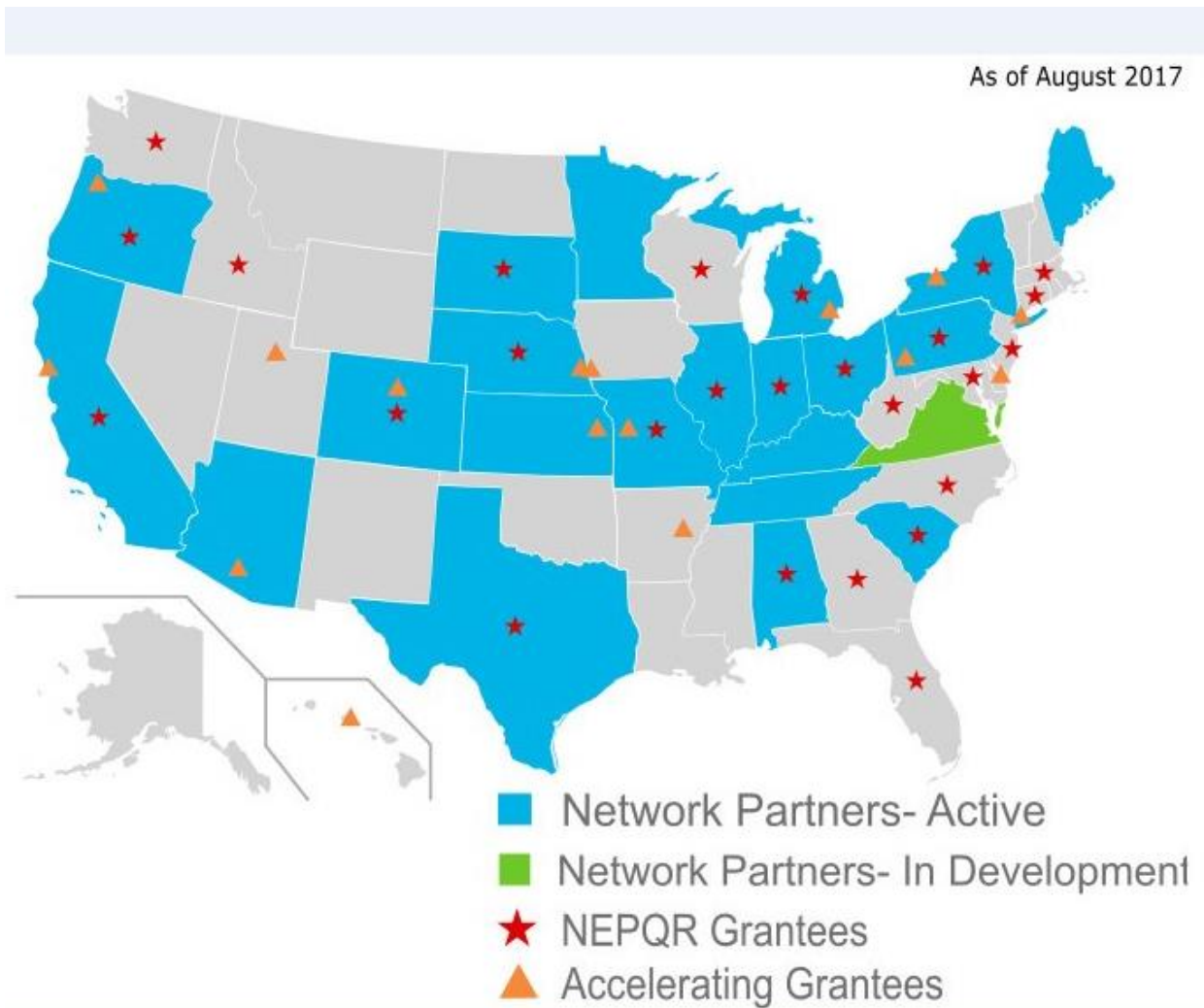
Karen Monson,
PhD, RN, FAAN



Carla Dieter,
EdD, RN



Nexus Innovations Network: Participation Map



Highlights

- 33 states
- 73 sites
- 107 projects



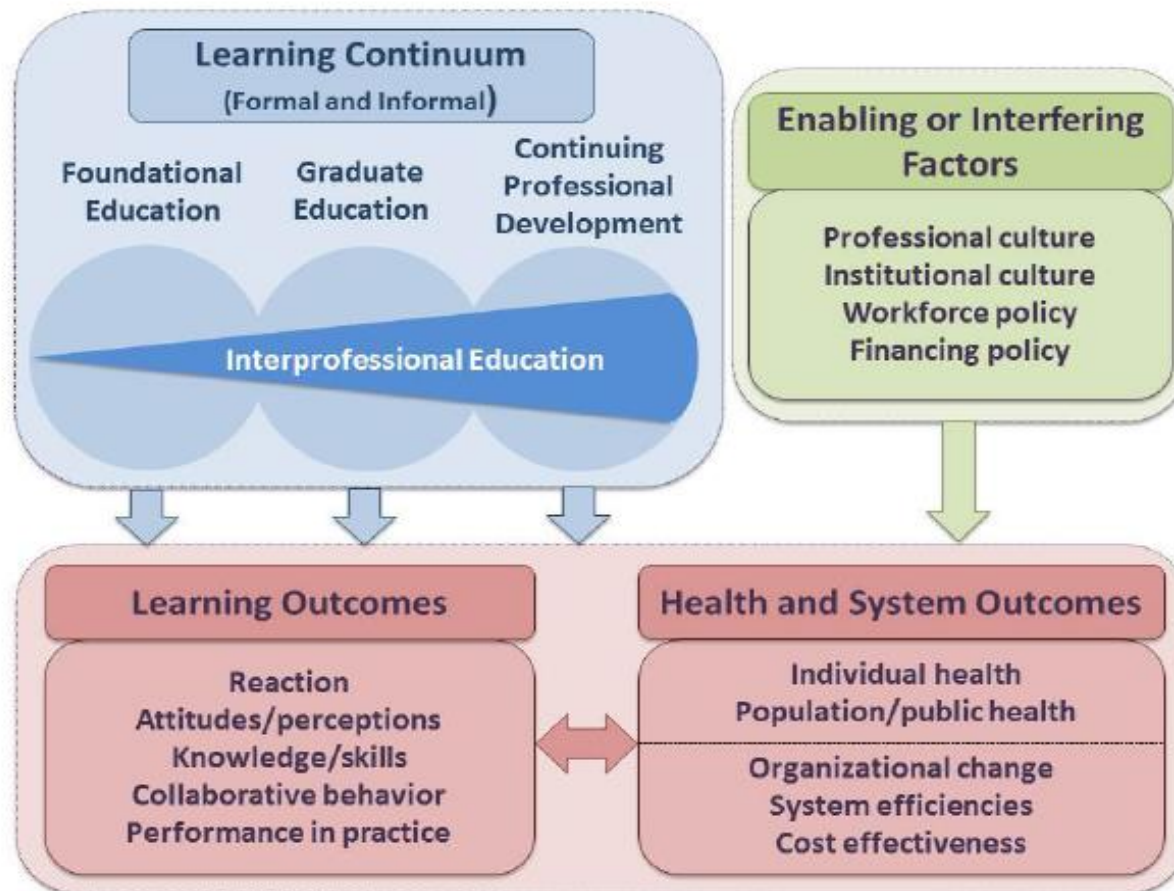
Overview of Data Collection Surveys

Tool	Description
Work plan	Description of project, including research question
Outcomes	Defines project outcomes and data collection tools
Intervention Common	Key elements of your project and institution that provide baseline variables across participating sites
Inputs	General financial information
Network Users	Information about clinicians, administrators and educators affiliated with project
Critical Incidents	Key event that is or may have impact on IPE implementation
Student Users	Student participant information
Network Education	Interprofessional curricula, governance, structure
Outcomes Data: Variable	Selected based on project goals, population, etc



Synergy: IOM Model as Workplan Framework

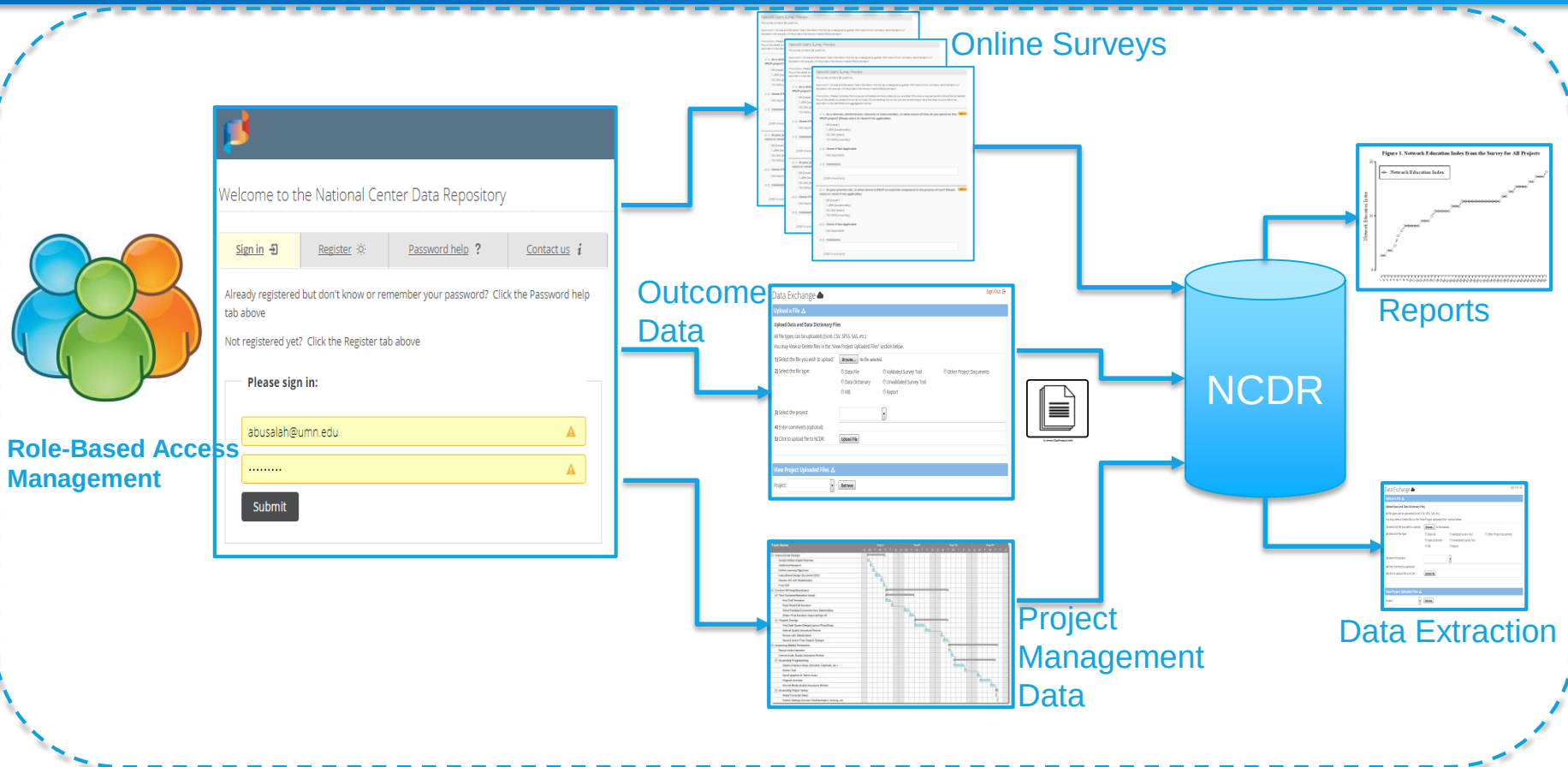
FIGURE: The interprofessional learning continuum (IPLC) model



NOTE: For this model, “graduate education” encompasses any advanced formal or supervised health professions training taking place between completion of foundational education and entry into unsupervised practice.



National Center Data Repository (NCDR) Data Infrastructure



PHI Compliant Environment || Secure Data Transfer & Storage || Role-Based Access || Encrypted DB
Compliant with IRB || Health Info Privacy & Compliance Office || Center of Exc. for HIPAA Data



New “Data Exchange” for Easy Uploads

Data Exchange 

[Sign Out](#) 

Upload a File

Upload Data and Data Dictionary Files

All file types can be uploaded (Excel, CSV, SPSS, SAS, etc.)

You may View or Delete files in the "View Project Uploaded Files" section below.

- 1) Select the file you wish to upload: No file selected.
- 2) Select the file type:
 - ☐ Data File
 - ☐ Data Dictionary
 - ☐ IRB
 - ☐ Validated Survey Tool
 - ☐ Unvalidated Survey Tool
 - ☐ Report
 - ☐ Other Project Documents
- 3) Select the project:
- 4) Enter comments (optional):
- 5) Click to upload file to NCDR:

View Project Uploaded Files

Project:



Network Project “Outcomes”: Most Frequent Clinical Measures

Common Outcomes From Network Projects	Number of Projects Measuring Outcome
Increase preventive health screening and monitoring	43
Improve HbA1c	20
Improve depression score	15
Improve blood pressure	13
Lipids monitoring and improvement	13
Reduce ED visits	12
Decrease hospital re-admissions	12
Improve BMI	10

N=81 Nexus Innovations Network projects

As of 3/21/2017



Network Project “Outcomes”: Most Frequent Process Measures

Common Outcomes From Network Projects	Number of Projects Measuring Outcome
Improve team functioning	39
Increased value in IPC	33
Increase patient satisfaction	12
Increase provider satisfaction	12
Reduce healthcare costs	10

N=81 Nexus Innovations Network projects

As of 3/21/2017



What Have We Learned?

Emerging Critical Success Factors



Process of care redesign is about changing culture.



Compelling vision is required.



IP+E resourcing is critical.



Senior leadership is essential.

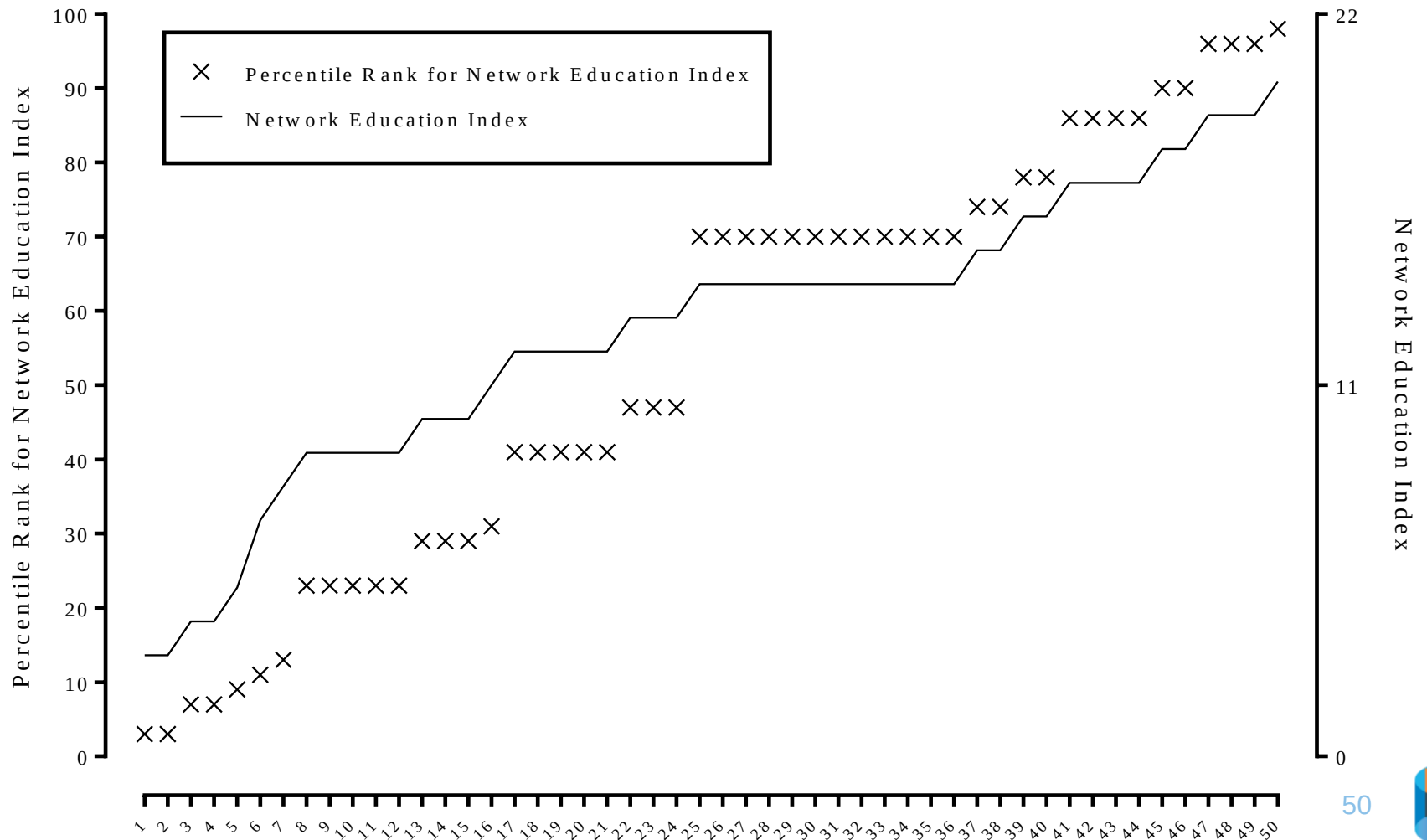


Impressions of team training effectiveness are mixed.



Network Education Index

Figure 1. Network Education Index and Percentile Rank for Projects



Changing Models

Development

Expertise and
dependence

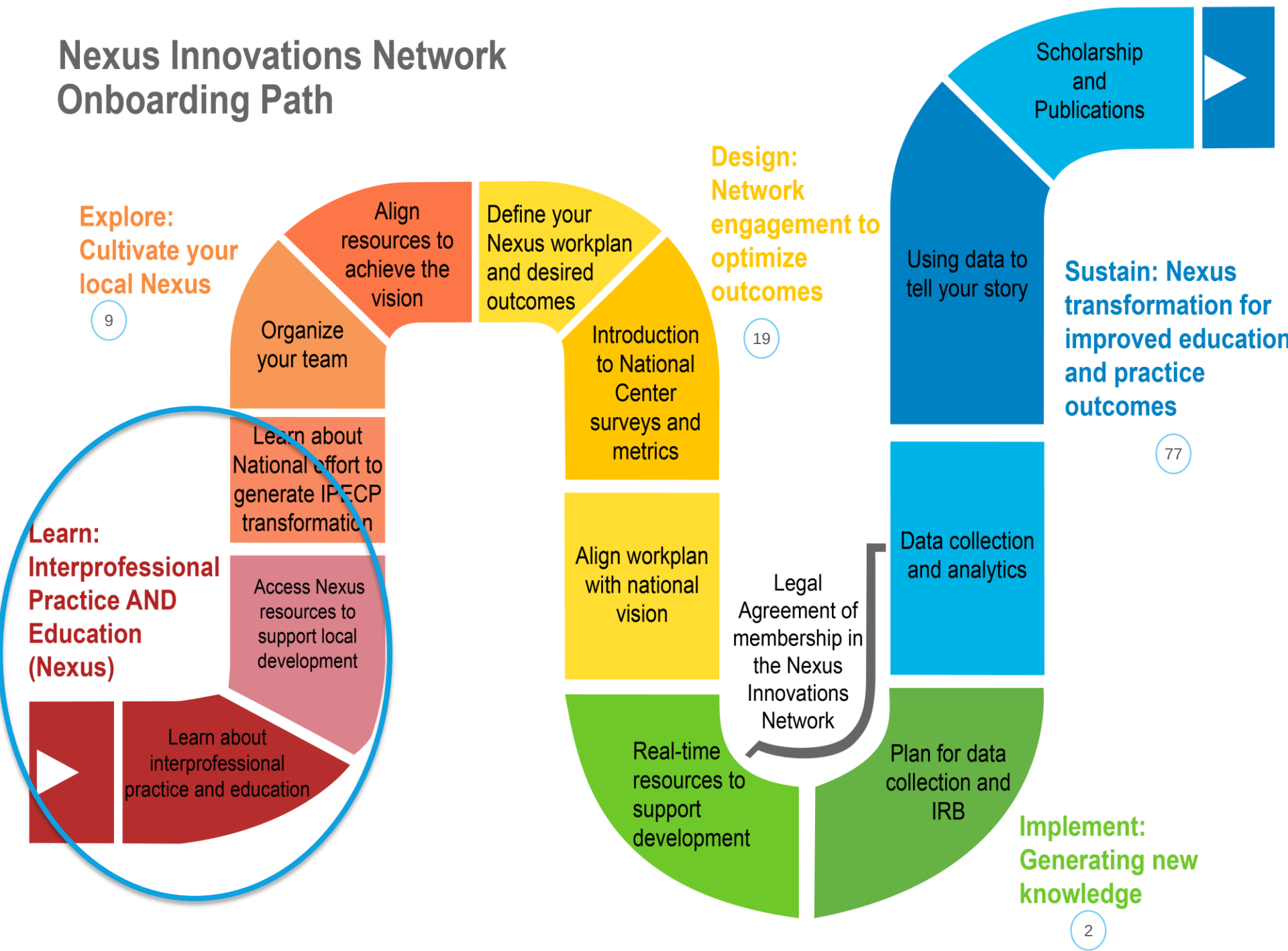
Scaffolding & Support

Interdependence

Engagement and
standardization

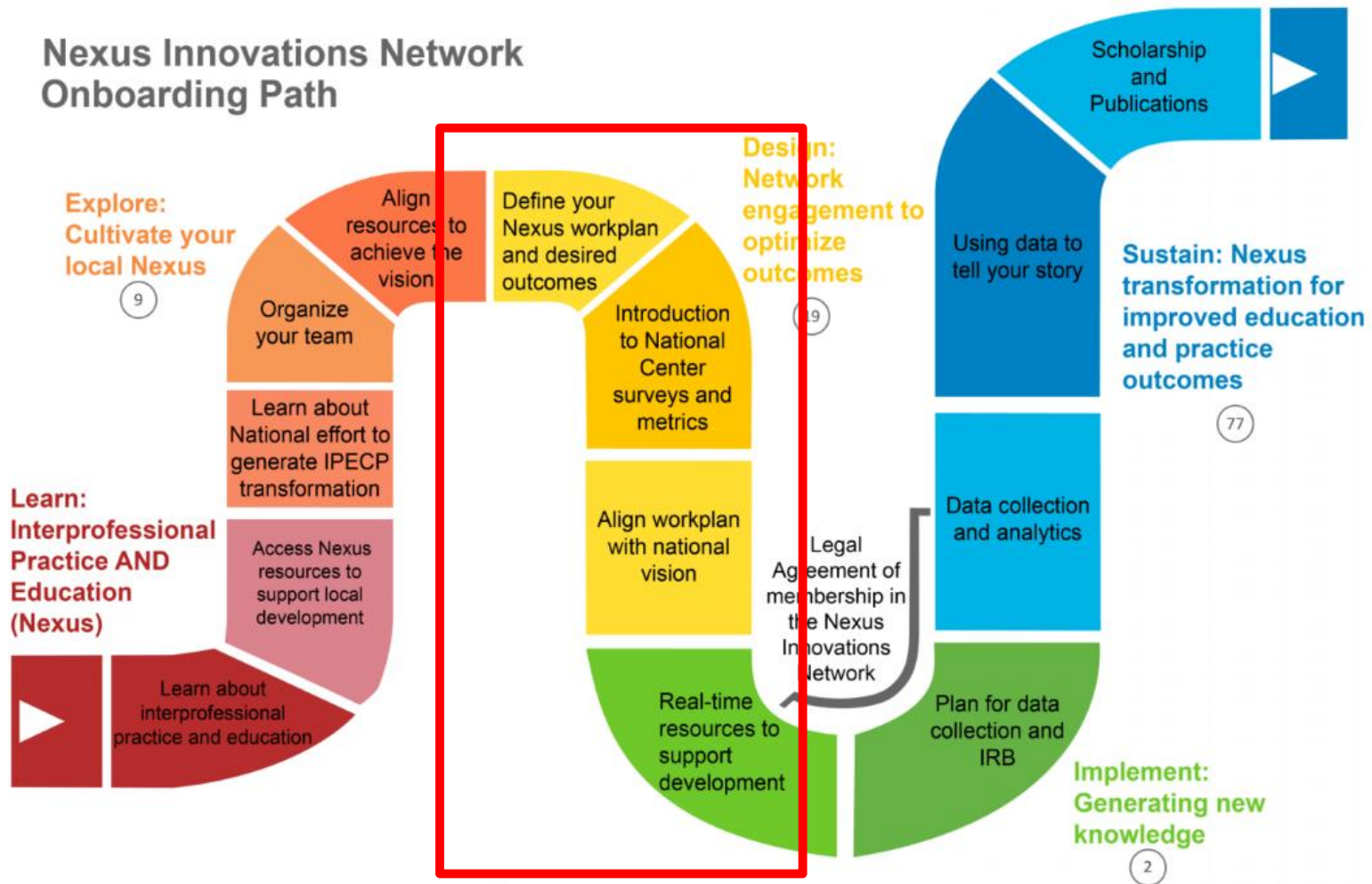


Nexus Innovations Network Onboarding Path



Restructuring the Network Onboarding Process

Nexus Innovations Network Onboarding Path



Guiding Principles

All projects will have a defined Nexus
– the intersection of practice and education –

The Nexus is the center of its project

All projects will identify essential core data that will
be meaningful for comparative research





Designing the Core Essential Data Set

Building upon depth and breadth of what has been learned, we are committed to:

- **Data reduction** based on what we have learned
- Using existing **standardized measures** when available
- Incorporating other **key requirements** into streamlined surveys
- Providing **real-time access** to your data with comparable national reference points
- Integrating outcomes data into **core data set** – working toward BIG data



Example: Impact of IPE on Population Health

Patient Experience and Utilization

Domain	Category I	Category II	Category III
Population Health (3) Perceived Health and Health-Related Quality of Life	In general would you say your health is: Excellent Very good Good Fair Poor	12-Item Short Form Health Survey (SF-12)	36-Item Short Form Health Survey (SF-36) plus health transition question
Patient Experience (4) How much patient was helped	During the past 12 months, how much were you helped by the counseling or treatment you got? Not at all A little Somewhat A lot	CAHPS Experience of Care and Health Outcomes (ECHO) Survey	CAHPS Experience of Care and Health Outcomes (ECHO) Survey
Utilization/Cost (4) Hospitalizations in the past 12 months	<u>During the past 12 months</u> , were you a patient in a hospital overnight? <i>Do not include an overnight stay in the emergency room.</i> Yes No	Count the number of overnight hospitalizations during the calendar year and the length of stay corresponding to each hospitalization.	Administrative data CPT and ICD Codes; “face-sheet data for each hospitalization”.

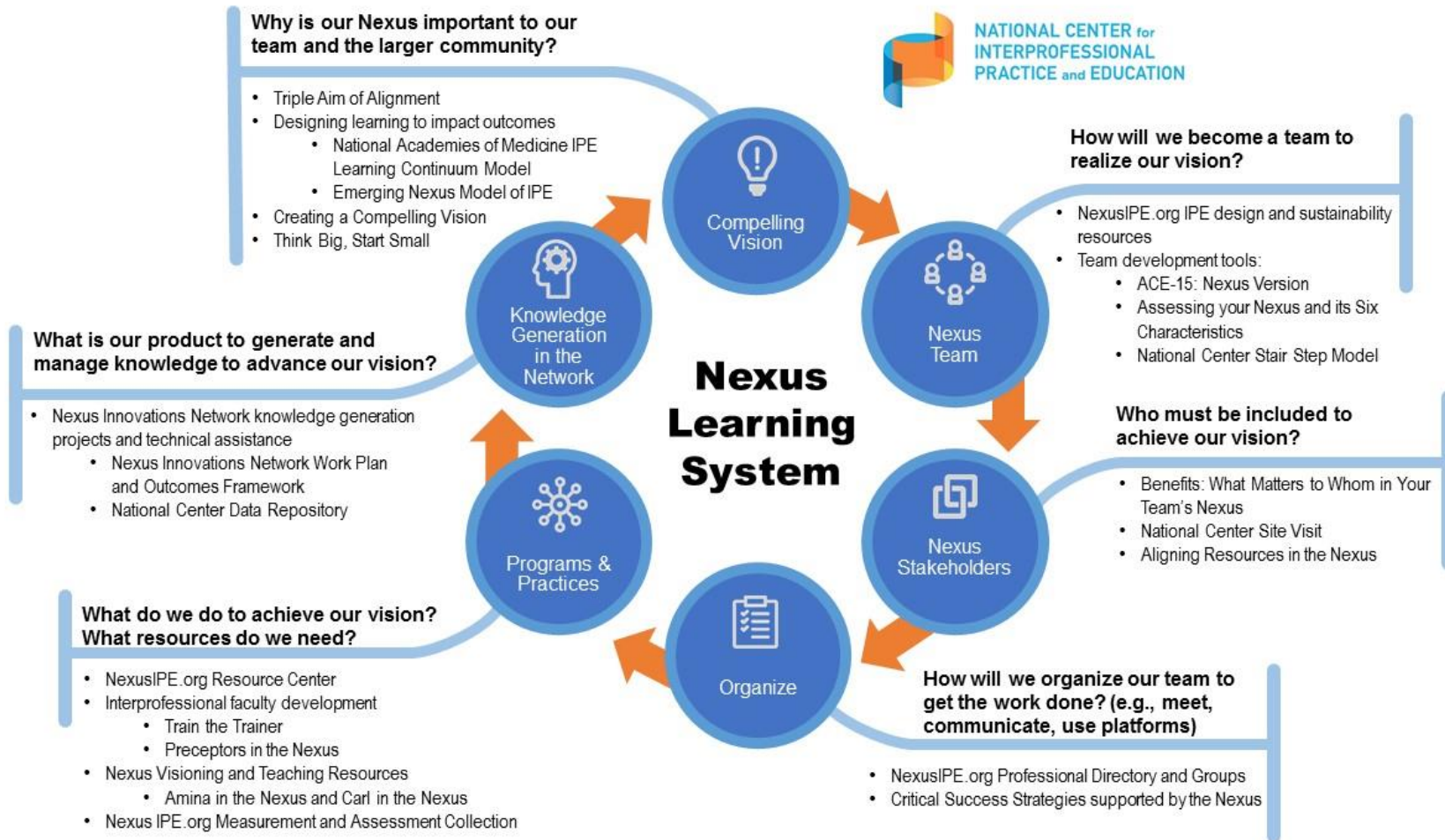


Telling the story of the National Center for Interprofessional Practice and Education

- Charge to the National Center to transform both education and health care
- Thought Leadership: Minding the gap of the current turbulent IPE environment
- Tools You Can Use: National Center Resource Center
- The National Center Knowledge Generation – Research Portfolio
- **Education and Training**



Nexus Learning System:



Education and Training Offerings

Interprofessional Big Data Science

The volume, variety, and velocity of big data and the challenges of wisely leveraging these data to support solutions for interprofessional practice, education and scholarship will be addressed. An introduction to the National Center Data Repository and opportunities for involvement will also be discussed.

Minneapolis | November 8-9, 2017
Registration Open Soon

Defining Your Nexus; *and* Knowledge Generation in the Nexus

A series of two-day institutes to accelerate the Nexus in the community and in the Nexus Innovations Network.

Register now for Defining Your Nexus,
Minneapolis | Nov 16 - 17, 2017

Additional 2018 dates TBA soon for both

Preceptors in the Nexus: Interprofessional Learning IN Practice for Preceptors and Site Development

Two-day workshop for interprofessional teams to gain the knowledge, skills, and behaviors to facilitate interprofessional learning and team-based collaborative practice IN practice at their site. Goal: inspire preceptors, clinicians, and clinical staff to facilitate intentional interprofessional education in practice for learners (called Interprofessional learning IN practice).

Minneapolis | March 8-9, 2018
Registration Open Soon

T3 Train-the-Trainer: Interprofessional Faculty Development Program

Three-and-a-half days of in-person training preparing health professions faculty and collaborative practice clinicians from all professions to lead IPE efforts and promote team-based care.

September 11-14, 2017, University of Missouri

November 8-11, 2017, University of Virginia

April 18-21, 2018, University of Virginia

May 7-10, 2018, University of Washington

May 15-18, 2018, University of Missouri





NATIONAL CENTER for INTERPROFESSIONAL PRACTICE and EDUCATION