



Building D&I programs

Hosted by: Mentored Training in Dissemination and Implementation
Research in Cancer (MT-DIRC)

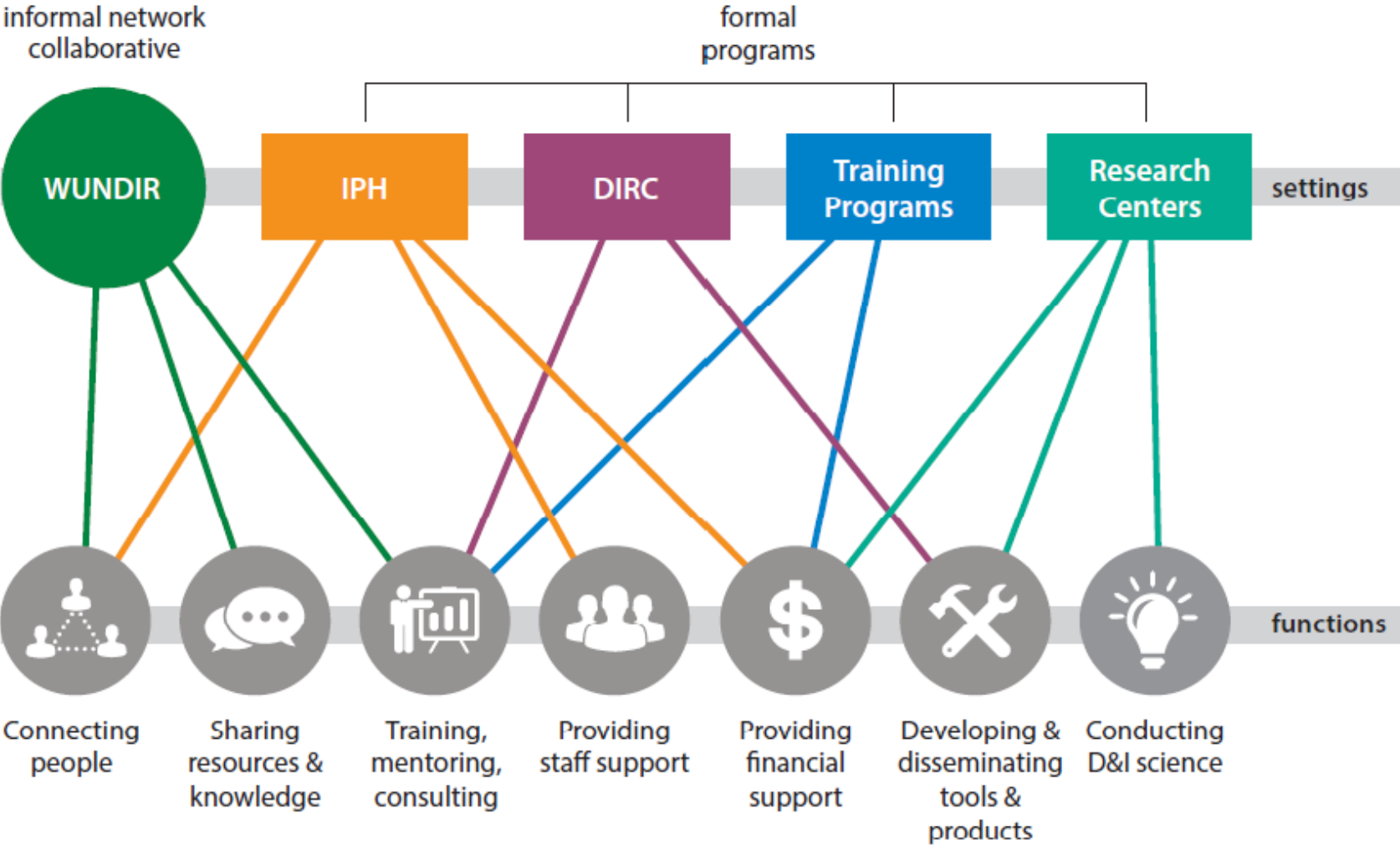
Presenters: Enola Proctor, Ross Brownson

Building Blocks for Capacity

- People: Mentoring & interdisciplinary collaborations
- Settings: organizational commitment
- Activities: trainings, tools & toolkits

Components of D&I Research at

Washington University in St. Louis



Informal Collaborative Groups

- Washington University Network of Dissemination and Implementation Researchers (WUNDIR)
 - Grassroots culture, agenda shaped from members needs and interests
 - Rotating Hosts, locations & times
 - Agenda typically includes:
 - Welcome & Introductions
 - News & Updates (can be combined with introductions)
 - D&I methods presentation
 - Works in progress
 - Mock Grant reviews

Sample Agenda from a WUNDIR meeting

WUNDIR MEETING

Meeting date: February, 6th 2017

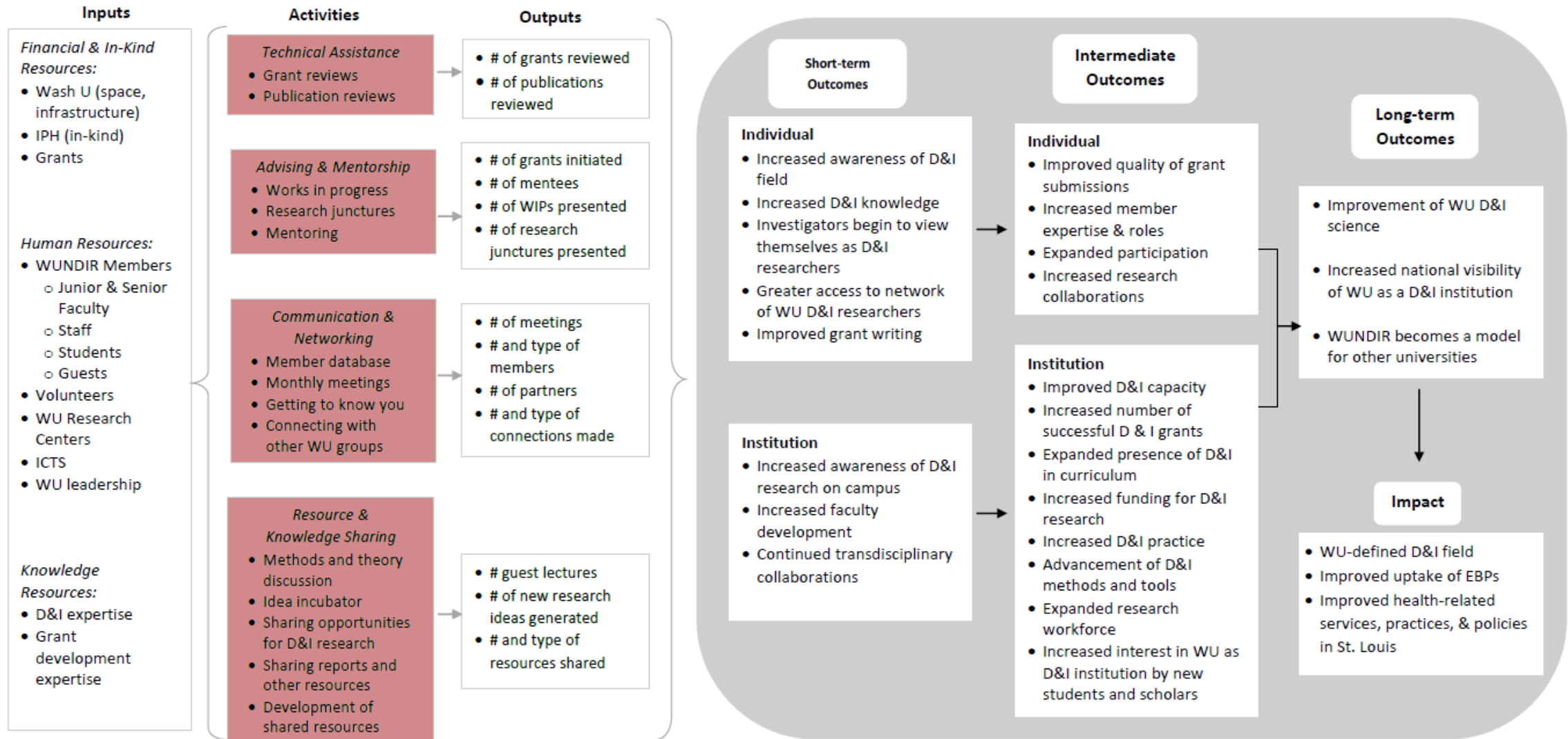
Host: Enola Proctor (Snacks provided by Ross Brownson)

Goldfarb Hall, Room 132, Danforth Campus

1:00PM-4:00PM, Hearty Snacks starting at 12:30PM

Member News		
1:00-1:20	Introductions and Updates	All
Updates, resources, & reports		
1:20-1:40	Toolkits	Ana Baumann
1:40-1:50	Potential collaborations	Robert Paul
Methods for Dissemination and Implementation Research		
1:50-2:30	<p>Wang <i>et al.</i> Automatic classification of communication logs into implementation stages via text analysis. <i>Implementation Science</i> (2016) 11:119</p> <p>Why WUNDIR members should read this paper: Communication Logs can offer an affordable source of nearly real time (or archival) information about implementation processes. Text analysis lends itself to a variety of data types for D&I research.</p> <p>Keywords: Machine learning, Unobtrusive measures, Text mining, Social systems informatics</p>	<p>J.D. Smith, Ph.D. Assistant Professor Center for Prevention Implementation Methodology (Ce-PIM) Department of Psychiatry and Behavioral Sciences Feinberg School of Medicine Northwestern University jd.smith@northwestern.edu</p>
2:30-2:40	BREAK	
Works in progress, research junctures and discussion		
2:40-3:00	Incorporating Patient Reported Outcomes into the Society of Thoracic Surgeons Database	Benjamin Kozower
3:00-3:15	Organization Collaboration Interests	Matthew Brown
3:15-3:30	<u>Envolv</u> e	Rachel Tabak
Mock Peer Review		
3:30-4:00	<p>Dissemination of Cascade Genetic Testing for Families at High Risk of Gynecologic Cancer</p> <p>Type of grant: D&I Pilot Funder: CDI Due date: February 13, 2017</p>	<p>Andrea Hagemann Reviewers: <i>pending</i></p>
	<p>Feasibility study of implementing the Parent Management Training-Oregon Model (PMTO) in the Washington University Pediatric and Adolescent Ambulatory Research Consortium (WU PAARC).</p> <p>Type of grant: D&I Small Grant Funder: CDI Due date: February 13, 2017</p>	<p>Ana Baumann Reviewers: <i>pending</i></p>

Figure 2. Washington University Network of Dissemination and Implementation Researchers (WUNDIR) Logic Model



Environmental Influences

Social, economic, and political landscape in St. Louis and at Washington University. Disciplinary and field expectations of staff, faculty and students. Advances in the field of D&I.

WUNDIR Evaluation

Key Takeaways...

WUNDIR REACH

284 members since 2012

- 214 from Washington University
- 56 external members
- 14 unknown designation

From 2014-2016, average attendance per meeting ranged from 23-28
34 members developed 177 D&I publications

MOST USEFUL ASPECTS

1. Collaboration
2. Informal networking and conversation
3. Grant reviews

LEAST USEFUL ASPECTS

1. Emails
2. Introductions and member news at meetings
3. Methods and theory discussion

PARTICIPANT IDENTIFIED BENEFITS

1. Increased knowledge of D&I research at WU
2. Increased knowledge of the D&I field
3. Ability to make new professional connections

PARTICIPANT IDENTIFIED BARRIERS

1. Don't have the time
2. Conflicts with schedule
3. The meetings are too long

NEW DIRECTIONS

1. Increase marketing & outreach
2. Connect with D&I practitioners and implementers
3. Create alternative D&I engagement opportunities

RECOMMENDED IMPROVEMENTS

1. Increase flexibility in meeting structure
2. Provide alternative engagement opportunities
3. Create stronger synthesis of meeting information

KEY RECOMMENDATIONS

1. Clarify the goals of WUNDIR outside of Washington University
2. Develop alternative forms of engagement for WUNDIR members, such as special interest groups
3. Implement a marketing and promotion plan that utilizes targeted communication strategies
4. Create and implement an ongoing data tracking system

Formal Cores & Centers

- Dissemination and Implementation Research Core (DIRC)
 - Supported through Institute for Clinical and Translational Science (ICTS) under National CTSA award
 - Provides support for ICTS researchers in D&I research
- Center for Dissemination and Implementation
 - Housed within WashU's Institute of Public Health
 - Provides small funding programs
 - Supports monthly national D&I speakers
 - Organizes annual "Bootcamp" to assist with grant development
- D&I cores in other centers
 - Low budget, build on larger WU D&I infrastructure supports, enable substantive foci

Formal Courses

National:

- Washington University houses both the Implementation research Institute (IRI) and Mentored Training for Dissemination and Implementation Research in Cancer (MT-DIRC)
 - Both are R25 mechanisms (IRI is NIMH funded & MT-DIRC is NCI funded)
 - Allows for capacity building outside the university
 - Future of funding for these types of programs is a little uncertain

University

- “Introduction to D&I”
 - One credit, cross listed; MD, PhD, Masters students
- “Implementing and evaluating evidence-based practices”
 - Focused on master’s level practitioners
- “RIPLE: Training in Implementation Practice Leadership”
 - three half-day workshop format for clinical leaders of community agencies

D&I Courses (That we know of)

- 12 taught Nationally, additional ones in Ireland, Sweden, Canada & Australia
 - UCSD, The OSU, USC, UAB, JHU, UNC, Penn, Virginia Tech, Duke, UCLA
- Majority (10) aimed at Masters Level Students, 6 aimed towards doctorate level, 0 aimed at undergraduate level
- Majority offered as semester long courses (or equivalent)
 - Short course vary from 1, week-long programs to 1 credit, 6 week programs
- A spreadsheet of known D&I course w/ syllabi has been compiled through MT-DIRC
 - Email Maggie to request copy of files

Lessons from WashU's experience

- Garner institutional commitment and share ownership
 - Challenge: maintaining capacity and support D&I activities with small funding sources, and varying time frames
- Foster Leadership and broad involvement
 - Commitment of senior level scholars providing support for junior level ones
- Promote active participation cross disciplines
 - Interdisciplinary collaborative (WUNDIR) allowed access to scholars across all different departments and schools
- Build the science
 - DIRC serves as technical resource for developing D&I scholars

Lessons Learned cont....

- Develop data systems for evaluation
 - Evaluations of WUNDIR used for process evaluation to improve functions and document accomplishments
- Extend the research to stakeholders and low resources settings
 - Looking for ways to build and support these linkages
 - Focus on training and technical assistance for practice oriented researchers and community level partners

External Capacity Building Resources

- NCI Advanced Implementation Science Webinars
 - <https://cyberseminar.cancercontrolplanet.org/implementationsscience/>
- UNC Implementation Science Exchange
 - <https://impsci.tracs.unc.edu/>
- Center for Research in Implementation Science and Prevention (CRISP)
 - <http://www.ucdenver.edu/academics/colleges/medicalschool/programs/crisp/Pages/default.aspx>