

**An Introduction to Dissemination and Implementation Research in Health:
A Two-Day Short Course
August 2016**

Agenda

Day 1 (August 22nd)

Time	Topics
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9:00-9:45 Introduction to Implementation Science (Beidas)

Recommended Readings:

Glasgow RE, Vinson C, Chambers D, Khoury MJ, Kaplan RM, Hunter C. National Institutes of Health approaches to dissemination and implementation science: Current and future directions. *AJPH*. 2012;102(7):1274-1281

9:45-10:30 What is Dissemination and Implementation Science; What are Appropriate Research Questions? (Fernandez)

Bauer M, Damschroder L, Hagedorn H, Smith J, Kilbourne A. An introduction to implementation science for the non-specialist. *BMC Psychology*. 2015;3(32):1-12.

10:30-10:45 Break

10:45-11:30 Theories, Frameworks, and Models (Fernandez)

Recommended Readings:

Tabak RG, Khoong EC, Chambers DA, Brownson RC. Bridging research and practice: Models for dissemination and implementation research. *American Journal of Preventive Medicine*. 2012;43(3):337-50.

Nilsen P. Making sense of implementation theories, models and frameworks. *Implementation Science*. 2015;10:53.

<http://www.dissemination-implementation.org>

Chambers D. Guiding theory for dissemination and implementation research. In Beidas RS & Kendall PC, ed. *Dissemination and Implementation of Evidence-Based Practices in Child and Adolescent Mental Health*. New York, NY:Oxford University Press;2014.

Damschroder LJ, Aron DC, Keith RE, Kirsh SR, Alexander JA, Lowery JC. Fostering implementation of health services research findings into practice: A consolidated framework for advancing implementation science. *Imp Sci*. 2009;4:50. doi:10.1186/1748-5908-4-50

11:30-12:30 Lunch Break

12:30-1:30 Outcomes and Implementation Strategies (Beidas)

Recommended Readings:

Proctor, et al. Outcomes for implementation research: Conceptual distinctions, measurement challenges, and research agenda. *Adm Policy Ment Health*. 2011, 38(2).

Proctor E, Powell B, Feeley, M. Measurement in dissemination and implementation science. In Beidas RS & Kendall PC, ed. *Dissemination and Implementation of Evidence-Based Practices in Child and Adolescent Mental Health*. New York, NY:Oxford University Press;2014.

Powell BJ, McMillen JC, Proctor EK, et al. (2011). A compilation of strategies for implementing clinical innovations in health and mental health. *Med Care Res Rev*. 2011;69:123-157.

Glisson C, Schoenwald SK, Hemmelgarn A, et al. Randomized trial of MST and ARC in a two-level evidence-based treatment implementation strategy. *J Consult Clin Psych*. 2010;78:537-550.

Proctor EK, Powell BJ, McMillen CJ. Implementation strategies: recommendations for specifying and reporting. *Imp Sci*. 2013;8(139).

2:00-2:15 Break

2:15-3:15 Small group work: Identifying models, design, implementation strategies, and outcomes in IS studies

3:15-3:45 Grant-writing and D&I (Beidas and Fernandez)

Recommended Readings:

Proctor EK, et al. Writing implementation research grant proposals: ten key ingredients. *Implement Sci*. 2012;7:96

Dissemination and Implementation Research in Health (R01). National Institute of Health Web Site. <http://grants.nih.gov/grants/guide/pa-files/PAR-10-038.html>

3:45-4:30 Small group work: Critiquing Specific Aims

Day 2 (August 23rd)

Time	Topics
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9:00-9:30 Study Designs and Methods (Fernandez)

Recommended Readings:

Curran GM, et al. Effectiveness-implementation hybrid designs: combining elements of clinical effectiveness and implementation research to enhance public health impact. *Med Care*. 2012;50(3):217-26

Stetler CB, et al. The role of formative evaluation in implementation research and the QUERI experience. *J Gen Intern Med*. 2006;21 Suppl 2:S1.

9:30-10:00 Small group discussion: Linking design to research questions

10:00-10:15 Break

10:15-11:00 Measurements and Evaluation Issues (Fernandez)

Recommended Readings:

Chaudoir et al. Measuring factors affecting implementation of health innovations: A systematic review of structural, organizational, provider, patient and innovation level measures. *Impl Sci*, 2013, 8(22).

Oakley A, et al. Process evaluation in randomised controlled trials of complex interventions. *BMJ*. 2006;332(7538):413

Lewis C, Fischer S, Weiner B, Stanick C, Kim M, Martinez R. Outcomes for implementation science: an enhanced systematic review of instruments using evidence-based rating criteria. *Imp Sci*, 2015.

11:00-11:15 Break

11:15-12:30 Designing for D&I and Adaptation

Schoenwald S, Chapman J, Garland A. Capturing fidelity in dissemination and implementation science. In Beidas RS & Kendall PC, ed. *Dissemination and Implementation of Evidence-Based Practices in Child and Adolescent Mental Health*. New York, NY:Oxford University Press;2014.

Stirman SW, Miller C, Toder K, Calloway A. Development of a framework and coding system for modifications and adaptations of evidence-based interventions. *Imp Sci*. 2013;8(65).

12:30-1:30 Lunch Break

1:30-2:00 Interactive Exercise

2:00-2:40 **Scale-up, Spread and sustainability (Fernandez)**

Recommended Readings:

Aarons G, Green A, Willging C. Mixed method study of a conceptual model of evidence-based intervention sustainment across multiple public-sector service settings. *Imp Sci.* 2014;9(183).

Edwards N, Barker P. The importance of context in implementation research. *J Acq Immun Def Synd.* 2014;67:S157-S162.

Jacobs JA, Duggan K, Erwin P, et al. Capacity building for evidence-based decision making in local health departments: scaling up an effective training approach. *Imp Sci.* 2014; 9:124.

2:40 ***Walk to RAS- School of Public Health Building***

3:00-4:00 **John P. McGovern Lecture Series**

Dr. Brian Mittman

The “State of the Science” of Implementation Science: Challenges, Advances and Opportunities

RAS Room 102A&B

4:00-4:30 **Questions and Answers and Wrap up** – we will stay in 102A&B for this session.