

# Dissemination and Implementation Research and Practice

## AGENDA

### Day 1

**9:00-9:15**            **Welcome and Introductions**

**9:15-9:55**            **Introduction to Implementation Science**

Recommended Readings:

Rabin BA and Brownson RC. Developing the terminology for dissemination and implementation research. In Brownson RC, Colditz, GA, and Proctor EK, eds. *Dissemination and Implementation Research in Health: Translating Science to Practice*. 2<sup>nd</sup> edition. New York: Oxford University Press; 2017

**9:55-10:45**            **Implementation Outcomes**

Recommended Readings:

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

**10:45-11:00**            **Break**

**11:00-11:30**            **Implementation Strategies**

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.

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

Powell, Byron J., et al. "A refined compilation of implementation strategies: results from the Expert Recommendations for Implementing Change (ERIC) project." *Implementation Science* 10.1 (2015): 21

**11:30-12:30**            **Lunch Break**

**12:30- 1:00**            **Implementation Strategy or Intervention/program – Interactive Activity**

**1:00- 2:30**            **Theories, Frameworks, and Models**

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

**2:30-2:45**

**Break**

**2:45-3:45**

**Small group work:** Identifying theories and models in IS studies or implementation efforts.

**3:45-4:00**

**Review Assignment:** Elevator Speech

## Day 2

**9:00-9:30**

**Small group Activity (Cards)**

**9:30- 10:30**

**Dissemination and Implementation Science; What are Appropriate Research Questions?**

Recommended Readings:

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- 11:15**

**Small group discussion:** Linking design to research questions

**11:15-12:15**

**Lunch Break**

**12:15-1:30**

**Study Designs, Methods, and Measurement**

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.

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.

**1:30-2:30**

### **Designing for D&I and Adaptation**

#### Recommended Readings:

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).

Peskin, M.F., Hernandez, B.F., Gabay, E.K., Shegog, R., Cuccaro, P., Li, D., Ratliff, E., Reed-Hirsch, K., Rivera, Y., Tortolero Emery, S., Markham, C. (2016). Using Intervention Mapping to develop iCHAMPSS: A web-based decision support system to help school districts adopt, implement, and maintain effective sexual health programs. In *Planning Health Promotion Programs: An Intervention Mapping Approach*, Bartholomew Eldredge, L.K., Markham, C.M., Ruiter, R.A.C., Fernández, M.E., Kok, G., Parcel, G.S. (Eds.), San Francisco, CA: Jossey-Bass. Case Study 5 on website at: [www.wiley.com/go/bartholomew4e](http://www.wiley.com/go/bartholomew4e).

**2:30-3:15**

### **Adaptation of Evidence-based programs**

#### Recommended Readings:

Cohen DJ, Crabtree BF, Etz RS, Balasubramanian BA, Donahue KE, Leviton LC, Clark EC, Isaacson NF, Stange KC, Green LW. Fidelity versus flexibility: Translating evidence-based research into practice. *Am J Prev Med*. 2008;35(5S):S381-S389.

Allen JD, Linnan LA, and Emmons KM. Fidelity and its relationships to implementation effectiveness, adaptation, and dissemination. In Brownson RC, Colditz, GA, and Proctor EK, eds. *Dissemination and Implementation Research in Health: Translating Science to Practice*. New York: Oxford University Press; 2012

**3:15-3:45**

### **Elevator Speeches**

**3:45-4:00**

### **Questions and Answers and Wrap up**