

**READING ASSIGNMENTS**

This list will be continually updated until the start of TIDIRH. The core textbook for this training is Brownson, G. A. Colditz, & E. K. Proctor (Eds.), Dissemination and implementation research in health: Translating science to practice (pp. 225-174). New York: Oxford University Press.

**DAY 1 | Monday, July 27, 2015**

OVERVIEW & DESIGN

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| **Models & Theories**  Borsika A. Rabin, PhD, MPH, PharmD  Anne E. Sales, PhD, RN | **Recommended**   * Tabak R, Khoong E, Chambers D, Brownson R. Bridging Research and practice: models for dissemination and implementation research. *Am J Prev Med* 2012; 43(3): 337-350. * Nilsen P. Making sense of implementation theories, models and frameworks. *Implement Sci* 2015 Apr 21; 10:53. * Damschroder L, Aron C, et al. Fostering implementation of health services research findings into practice. Imp Sci 2009; 4:50. * French D, Green S, et al. Developing theory-informed behaviour change interventions to implement evidence into practice. Imp Sci 2012; 7:38. |
| **Designs for D&I Research**  Karen Emmons, PhD  Amy Kilbourne, PhD | **Recommended**   * Chapter 12: Design and analysis in dissemination and implementation research * Curran GM1, Bauer M, Mittman B, Pyne JM, Stetler C. Med Care. 2012 Mar;50(3):217-26. Effectiveness-implementation hybrid designs: combining elements of clinical effectiveness and implementation research to enhance public health impact.   **Additional**   * Mercer S, DeVinney B, Fine L, Green L, Dougherty D. Study Designs for Effectiveness and Translation Research Identifying Trade-offs. Am J. Prev Med 2007: 33(2): 139-154. * Luke D, Stamatakis K. Systems Science Methods in Public Health: Dynamics, Networks and Agents. Annu. Rev. Public Health 2012. 33:357-76. * Hemming K, Haines TP, Chilton PJ, Girling AJ, Lilford RJ. The stepped wedge cluster and randomized trial: rationale, design, analysis and reporting. BMJ. 2015 Feb 6;350. |
| **Applying D&I Research Designs in Practice**  Karen Emmons, PhD  Amy Kilbourne, PhD | **Recommended**   * Chapter 6: Designing for dissemination of environmental and policy initiatives and programs for high-risk groups   **Additional**   * Chapter 14: Fidelity and its relationship to implementation effectiveness, adaptation, and dissemination |
| **Quality Improvement Research and Implementation Science**  Brian S. Mittman, PhD  Sharon E. Straus, MD, MSc | **Recommended**   * Kirkland K, Homa A, Lasky R, Ptak J, Taylor E, Splaine M. Impact of a hospital-wide hand hygiene initiative on healthcare-associated infections: results of an interrupted time series. BMJ Quality & Safety Online First (2012) 10.1136. * Chassin M, Mayer C, Nether K. Improving Hand Hygiene at Eight Hospitals in the United States by Targeting Specific Causes of Noncompliance. The Join Commission Journal on Quality and Patient Safety (2015) 41:1. |

**DAY 2 | Tuesday, July 28, 2015**

Design & Measurement

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| **Measurement and Evaluation**  David Chambers, DPhil  Christine Hunter, PhD, ABPP | **Recommended**   * Chapter 13: Measurement issues in dissemination and implementation research * Proctor E, Silmer H, Raghavan R, Hovmand P, Aarons G, Bunger A, Griffey R, & Hensley M. Outcomes for Implementation Research: Conceptual Distinctions, Measurement Challenges, and Research Agenda. Adm Policy Ment Health (2010) 38: 319. * <https://www.societyforimplementationresearchcollaboration.org/sirc-projects/sirc-instrument-project> (Requires Registration) |
| **Implementation in the Multilevel Context of Routine Practice and Policy**  Michael K. Gould, MD, MS | **Recommended**   * Greenhalgh T, Robert G, Macfarlane F, Bate P, Kyriakidou O. Diffusion of Innovations in Service Organizations: Systematic Review and Recommendations. The Milbank Quarterly (2004) 82:4. * Damschroder L, Aron C, et al. Fostering implementation of health services research findings into practice. Imp Sci 2009; 4:50. *(ALSO ASSIGNED DAY 1)* |
| **Balancing Fidelity and Adaptation: If We Want More Evidence-Based Practice, We Need More Practice-Based Evidence**  Lawrence W. Green, DrPH, DSc  Rachel Gold, PhD, MPH | **Recommended**   * Chapter 15: Furthering dissemination and implementation research: The need for more attention to external validity * Hoffman T, Glasziou P, et al. Better reporting of interventions: template for intervention description and replication (TIDieR) checklist and guide. BMJ 2014; 348:g1687.   **Additional**   * Ottoson JM, Hawe P (Eds). Knowledge Utilization, Diffusion, Implementation, Transfer, and Translation: Implications for Evaluation. New Directions in Evaluation, No. 124, Winter 2009. * Chapter 14: Fidelity and its relationship to implementation effectiveness, adaptation, and dissemination * Carroll C, Patterson M, et al. A conceptual framework for implementation fidelity. Imp Sci 2007; 2:40. * Teague G, Mueser K, Rapp, C. Advances in Fidelity Measurement for Mental Health Services Research. Psychiatric Services 2012; 63:765-771. * Mercer S, DeVinney B, Fine L, Green L, Dougherty D. Study Designs for Effectiveness and Translation Research: Identifying Trade-offs. Am J. Prev Med 2007: 33(2): 139-154. |

**DAY 3 | WEDNESDAY, July 29, 2015**

METHODS & Approach

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| **Sustainability**  David Chambers, DPhil  Cynthia A. Vinson, PhD  Kenneth Wells, MD, MPH | **Recommended**   * Scheirer MA, Dearing JW: An agenda for research on the sustainability of public health programs. Am J Public Health 2011, 101(11):2059–2067. * Stirman SW, Kimberly J, Cook N, et al: The sustainability of new programs and innovations: a review of the empirical literature and recommendations for future research. Implement Sci 2012, 7:17. * Chambers et al. The dynamic sustainability framework: addressing the paradox of sustainment amid ongoing change. Implementation Science 2013, 8:117 (<http://www.implementationscience.com/content/8/1/117>) |
| **Mixed Methods**  Lawrence Palinkas, PhD | **Recommended**   * Palinkas LA, Aarons GA, Horwitz S, Chamberlain P, Hurlburt M, Landsverk J. Mixed methods designs in implementation research. Adm Policy Ment Health. 2011;38:44–53. doi: 10.1007/s10488-010-0314-z. * Palinkas LA, Horwitz SM, Green CA, Wisdom JP, Duan N, Hoagwood K. Purposeful sampling for qualitative data collection and analysis in mixed method implementation research. Adm Policy Ment Health. * Green CA, Duan N, Gibbons RD, Hoagwood KE, Palinkas LA, Wisdom JP: Approaches to mixed methods dissemination and implementation research: methods, strengths, caveats, and opportunities.Adm Policy Ment Health 2014. * Creswell JW, Klassen AC, Plano Clark VL, Smith KC for the Office of Behavioral and Social Sciences Research. Best practices for mixed methods research in the health sciences. August 2011. National Institutes of Health. |
| **Participatory Approaches: How Can CBPR Guide Translation and Dissemination &**  **Health Disparities and Health Inequities**  Kenneth Wells, MD, MPH  Loretta Jones | **Recommended**   * Wells KB, Jones L, Chung B, et al. Community-Partnered, Cluster-Randomized Comparative Effectiveness Trial of Community Engagement and Planning or Program Technical Assistance to Address Depression Disparities. Journal of General Internal Medicine. 2013 May 7. * Jones L, Wells K. Strategies for academic and clinician engagement in community-participatory partnered research. JAMA. 2007;297(4):407–410. doi: 10.1001/jama.297.4.407. |

**DAY 4 | THURSDAY, July 30, 2015**

SCALE-UP

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| **Behavioral Economics & Cost Effectiveness Analysis**  Daniella Meeker, PhD  Michael K. Gould, MD, MS | **Recommended**   * Fowler R, Mittman, N, et al. Cost-effectiveness of Dalteparin vs Unfractionated Heparin for the Preention of Venous Thromboembolism in Critically Ill Patients. JAMA. 2014; 312(20):2135-2145. * Suman et al. BMC Public Health (2015) 15:422 DOI 10.1186/s12889-015-1876-1. |
| **Scale-Up and Spread**  Brian S. Mittman, PhD  Barbara Riley, PhD | **Recommended**   * Milat AJ, King L, Newson R, Wolfenden L, Rissel C, Bauman A, Redman S: Increasing the scale and adoption of population health interventions: experiences and perspectives of policy makers, practitioners, and researchers. Health Res Policy Syst 2014, 12:18. * Gabriel, Madeleine (2014) Making it big: strategies for scaling social innovations, London, National Endowment for Science, Technology and the Arts (NESTA). * Shiell-Davis, Kelly (2015) Scaling-Up Innovations, What Works Scotland. |
| **Concurrent Sessions: Spectrum of Complexity to Singularity**  **Testing Interventions to Increase Hepatitis B Screening Among Asians**  Roshan Bastani, PhD | **Recommended**   * Bastani, R., Glenn, B.A., Taylor, V.M., Chen, M.S., Nguyen, T.T., Stewart, S.L., Maxwell, A.E. (2010). Integrating theory into community interventions to reduce liver cancer disparities: The Health Behavior Framework. Preventive Medicine, 50(1-2):63-67. PMCID: PMC3243444 * Taylor, V.M., Bastani, R., Burke, N.J., Talbot, J., Sos, C., Liu, Q., Do, H., Jackson, J.C., Yasui, Y. (2013). Evaluation of a hepatitis B lay health worker intervention for Cambodian Americans. Journal of Community Health, 38(3):546-553. PMCID: PMC3633619 * Chen, M.S. Jr., Fang, D.M., Stewart, S.L., Ly, M.Y., Lee, S., Dang, J.H.T., Nguyen, T.T., Maxwell, A.E., Bowlus, C.L., Bastani, R., Nguyen, T.T. (2013). Increasing hepatitis B screening for Hmong adults: Results from a randomized controlled community-based study. Cancer Epidemiology, Biomarkers & Prevention, 22(5):782-791. PMCID: PMC3650126 * Bastani, R., Glenn, B.A., Jo, A.M., Herrmann, A.K., Crespi, C.M., Wong, W.K, Chang, L.C., Stewart, S.L., Nguyen, T.T., Chen, M.S., Taylor, V.M. (2015). Cluster-Randomized Trial to Increase Hepatitis B Testing among Koreans in Los Angeles. Cancer, Epidemiology, Biomarkers & Prevention, DOI: 10.1158/1055-9965 |
| **Concurrent Sessions: Spectrum of Complexity to Singularity**  **Care Delivery: Tobacco**  Michael Ong, MD, PhD | **Recommended**   * Ong MK. Tobacco Cessation-We Can Do Better. JAMA Intern Med. 2015 Jun 15. doi:10.1001/jamainternmed.2015.2402. [Epub ahead of print] PubMed PMID: 26075733. * Roeseler, A., C.M. Anderson, K. Hansen, M. Arnold, and S-H. Zhu. 2010. *Creating Positive Turbulence: A Tobacco Quit Plan for California*. Sacramento, CA: California Department of Public Health, California Tobacco Control Program. * Rigotti NA. Strategies to help a smoker who is struggling to quit. JAMA. 2012 Oct 17;308(15):1573-80. doi: 10.1001/jama.2012.13043. PubMed PMID: 23073954. |
| **Public Health and Policy Dissemination Research**  Ross C. Brownson, PhD  Murray Ross, PhD | **Recommended**   * Chapter 17: Dissemination and implementation research in community and public health settings |
| **Leadership in D&I**  Gregory Aarons, PhD | **Recommended**   * Aarons G, Ehrhart M, Farahnak L, Hurlburt M. Leadership and organizational change for implementation (LOCI): a randomized mixed method pilot study of a leadership and organization development intervention for evidence-based practice implementation. Imp Sci. 2015 10:11. * Aarons G, Ehrhart M, Farahnak L, Sklar M. Aligning Leadership Across Systems and Organizations to Develop a Strategic Climate for Evidence-Based Practice Implementation. Annu Rev Public Health 2014. 35:266-74. |

**DAY 5 | FRIDAY, July 31, 2015**

GRANTS & NETWORKS

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| **Grant Review**  Ross C. Brownson, PhD  Michael K. Gould, MD, MS  Deborah Young-Hyman, PhD | **Recommended**   * Proctor K, Powell B, et al. Writing implementation research grant proposals: ten key ingredients. *Imp Sci* 2012; 7:96. |
| **Panel of Journal Editors**  Ross C. Brownson, PhD  Lawrence W. Green, DrPH, DSc  Brian S. Mittman, PhD  Sharon E. Straus, MD, MSc | **Recommended**   * Foy R, Sales A, et al. Implementation Science: a reappraisal of our journal mission and scope. *Imp Sci* 2015; 10:51. |