Purpose: this resource document expands on some of the content not covered during the EHE pre-conference training. Here you will find all the references for the presentation.

Use: This document is to be used as an accompanying resource to the EHE pre-conference training titled *Demystifying Implementation Science*.

Contact information: please contact the ISCI team (isci@northwestern.edu) for questions related to this resource document.

Link to recorded presentation: [https://www.youtube.com/watch?v=UoqRgVH1T9E](https://www.youtube.com/watch?v=UoqRgVH1T9E)

Additional Resources:
- ISCI IS Resource Repository: [https://hivimpsci.northwestern.edu/resources/](https://hivimpsci.northwestern.edu/resources/)
- ISCI IS Curriculum for Practitioners:
  - Go to: [https://hivimpsci.northwestern.edu/](https://hivimpsci.northwestern.edu/)
  - On the top menu, click on Guided Help
  - Click on Guided Help Practitioners
- ISCI Decision Support for Researchers: *available soon here* [https://hivimpsci.northwestern.edu/](https://hivimpsci.northwestern.edu/)
Section 1: Equitable Implementation in HIV prevention and treatment

Health Equity and HIV, slide 7
References:

Leveraging Implementation Science to Address HIV Health Equity, slide 8
References:
• What is Ending the HIV Epidemic in the US (EHE)? https://www.hiv.gov/federal-response/ending-the-hiv-epidemic/overview
• Profile of the Portfolio of NIH-Funded HIV Implementation Research Projects to Inform Ending the HIV Epidemic Strategies https://journals.lww.com/jaids/Fulltext/2022/06001/Profile_of_the_Portfolio_of_NIH_Funded_HIV.4.aspx

Implementation Science (IS) Definitions and Foci, slide 10
References:
• Recommendations for Addressing Structural Racism in Implementation Science: A Call to the Field https://ethndis.org/edonline/index.php/ethndis/article/view/1506/2227

Definitions: HIV implementation practitioner, slide 11
References
• ISCI Community and Implementation Practice Committee (CIPC) definition of HIV implementation practitioner definition https://hivimpsci.northwestern.edu/

How is IS similar to other fields? Slide 12-14
References
• Aligning implementation science with improvement practice: a call to action https://implementationsciencecomms.biomedcentral.com/articles/10.1186/s43058-021-00201-1
• Combining Improvement and Implementation Sciences and Practices for the Post COVID-19 https://www.ncbi.nlm.nih.gov/pmc/articles/PMC8423072/
• Leveraging Implementation Science to Improve Cancer Care Delivery and Patient Outcomes https://ascopubs.org/doi/10.1200/JOP.2017.024729
• Program Performance and Evaluation Office, CDC https://www.cdc.gov/evaluation/index.htm

IS Teaching Tool, slide 15
References
• An Overview of Research and Evaluation Designs for Dissemination and Implementation https://www.ncbi.nlm.nih.gov/pmc/articles/PMC5384265/
• Using Implementation Science to Promote Integration and Sustainability of Community Health Workers in the HIV Workforce https://journals.lww.com/jaids/Fulltext/2022/06001/Using_Implementation_Science_to_Promote.9.aspx
Community Engagement & Co-Creation, slide 17

References
- Principles of Engagement
  https://www.feinberg.northwestern.edu/sites/cch/about/principles-of-engagement.html
- A Multilevel Approach to Stakeholder Engagement in the Formulation of a Clinical Data Research Network
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC6136953/?report=classic%26E2%80%8B

Equitable Implementation, slide 18

References
- Addressing Racism’s Role in the US HIV Epidemic: Qualitative Findings from Three Ending the HIV Epidemic Projects
  https://journals.lww.com/jaids/Fulltext/2022/06001/Addressing_Racism_s_Role_in_the_US_HIV_Epide
  mic_.7.aspx
- Application of an antiracism lens in the field of implementation science (IS): Recommendations for reframeing implementation research with a focus on justice and racial equity
  https://journals.sagepub.com/doi/full/10.1177/26334895211049482
- What is Health Equity?
  https://www.rwjf.org/en/library/research/2017/05/what-is-health-equity-.html
- Equity vs Equality: What’s the difference? Examples and Definitions
  https://unitedwaynca.org/blog/equity-vs-equality/
Section 2: Implementation Science Methods

The Value of IS Frameworks (Theories, Models), slide 23
Web resources:
- ImpSci: Theories, Models, Frameworks, 9 min video
  https://www.youtube.com/watch?v=l-vn60Fhdjk
- IS Models WebTool:
  https://dissemination-implementation.org/tool/explore-di-models/

References:
- Making sense of implementation theories, models and frameworks

Planning for Implementation, slide 24
Reference:
- Real world examples of EPIS framework use

Web resources:
- EPIS website
  https://episframework.com/

What works, where, and why: Determinants, slide 25
Reference:
- The Updated Consolidated Framework for Implementation Research: CFIR 2.0
  https://assets.researchsquare.com/files/rs-1581880/v1/556132ae-5de7-4902-9c33-9085ebe9d89.pdf?c=1651077534
- Determinants of Implementation for HIV Pre-exposure Prophylaxis Based on an Updated Consolidated Framework for Implementation Research: A Systematic Review
- Provider Perspectives on Factors Affecting the PrEP Care Continuum Among Black Cisgender Women in the Midwest United States: Applying the Consolidated Framework for Implementation Research
  https://journals.lww.com/jaids/Fulltext/2022/06001/Provider_Perspectives_on_Factors_Affecting_the.18.aspx

Web resources:
- Determinants of Implementation, 28 min video
  https://www.youtube.com/watch?v=xxEffnWaM9Q&feature=youtu.be
- CFIR website
  https://cfirguide.org/
- Full list of CFIR constructs
  https://cfirguide.org/constructs/

The stuff we do: Implementation Strategies, slide 31
References:
- Use of concept mapping to characterize relationships among implementation strategies and assess their feasibility and importance: results from the Expert Recommendations for Implementing Change (ERIC) study
• ERIC discrete implementation strategy compilation, strategy names and definitions
• Finding what works: identification of implementation strategies for the integration of methadone
  maintenance therapy and HIV services in Vietnam

Web resources
• Implementation Strategies, 23 min video
  https://www.youtube.com/watch?v=b98Q1iNAjTY&list=PLLPCFiUjJudPzdQpJd0LkFj3fah_iqtq&index=4
• ERIC-CFIR matching tool website, the developers of this tool acknowledge that more research is still
  needed to better guide strategy choices and selection and encourage caution with the use of this tool.
  https://cfirguide.org/choosing-strategies/

Specifying & Reporting Strategies, slide 34
References
• Implementation strategies: recommendations for specifying and reporting
  https://implementationscience.biomedcentral.com/articles/10.1186/1748-5908-8-139

Evaluating Implementation Efforts: Implementation Outcomes, slide 38
References
• Outcomes for implementation research: Conceptual distinctions, measurement challenges, and
  research agenda
  https://www.ncbi.nlm.nih.gov/pmc/articles/PMC3068522/

Implementation Outcomes Table

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<th>Stage of Implementation</th>
<th>Methods</th>
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*See citation above for definitions of implementation outcomes

Web resources
• HIV Implementation Outcomes Crosswalk page
  https://hivimpscni.northwestern.edu/implementation-outcomes-crosswalk/

IS Equity Recommendations, slide 41
References
• Reframing implementation science to address inequities in healthcare delivery
Implementation Research Logic Model (IRLM), slide 42

References
- The Implementation Research Logic Model: a method for planning, executing, reporting, and synthesizing implementation projects

Web resources
- IRLM page, hosted by ISCI. Fillable templates can be found on this site
  https://hivimpsci.northwestern.edu/implementation-research-logic-model/