



Using a D&I Framework to Guide Real World Implementation

The field of Dissemination and Implementation (D&I) science and practice relies on models, theories, and frameworks to guide the conceptualization, development, and execution of a project at various levels, including individual, community, and system-wide applications.

There are over 60 models available: some focus on dissemination, some on implementation, others on both (1). Some models focus on planning and evaluation, whereas others focus on understanding context or intervention sustainability (2). Knowing your goals ahead of time can aid in selecting a model. Even with numerous models available, many models might require slight adjustments to fit specific research or implementation needs (3).

This overview is not exhaustive and instead is meant to provide a brief overview and guidance on where to find additional information so you can find the best fit for your next project. It can feel overwhelming to identify a model from the vast number of choices – so keep in mind that there is not necessary a “right” or “wrong” model. There may be more than one that fits your needs. However, reading a bit more about the types of models and checking out the interactive tools at the bottom of this page may help guide your choice.

<p>Process Models: Describe and guide the process of translating research into practice, including sequencing of implementation</p> <p>Examples: EPIS, PRISM</p>	<p>Determinant Frameworks: Focus on determinants or barriers/facilitators to implementation rather than processes over time</p> <p>Examples: CFIR, PARIHS</p>	<p>Implementation Theories: Help specify and understand relationships among variables and what influences implementation outcomes</p> <p>Examples: Implementation Climate, Organizational Readiness</p>	<p>Classic Theories: Aids in identifying explanations of what influences implementation</p> <p>Examples: Diffusion of Innovation, Theory of Planned Behavior</p>	<p>Evaluation Frameworks: Evaluate implementation, allowing interventions to be implemented and scaled up effectively.</p> <p>Examples: RE-AIM, Implementation Outcomes Framework</p>
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Share your thoughts here

Which of the above models might work for an ongoing or new project implementation in your organization?

You can find more info on Models and Frameworks at:

- Dissemination and Implementation Models in Health Interactive Webtool: <https://dissemination-implementation.org/tool/explore-di-models/>
- The University of Washington Implementation Science Resource Hub: <https://impsciuw.org/implementation-science/research/frameworks/>
- The University of Wisconsin Institute for Clinical and Translation Research: D&I Framework and Tools: <https://ictr.wisc.edu/di-frameworks-tools-2/>

Additional Resources and References:

References

- (1) Tabak, R. G., Khoong, E. C., Chambers, D. A., & Brownson, R. C. (2012). Bridging research and practice: models for dissemination and implementation research. *American journal of preventive medicine*, 43(3), 337–350. <https://doi.org/10.1016/j.amepre.2012.05.024>
- (2) Nilsen, P. Making sense of implementation theories, models and frameworks. *Implementation Sci* 10, 53 (2015). <https://doi.org/10.1186/s13012-015-0242-0>
- (3) Tabak, R. G., Hook, M., Chambers, D. A., Brownson, R. C., Colditz, G. A., & Proctor, E. K. (2018). The conceptual basis for dissemination and implementation research. *Dissemination and implementation research in health: translating science to practice*, 73-88.



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