

LHS 621 Implementation Science in Health I**(Winter 2016 Class Number 31456)**

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Mondays, 9 am – 12 noon
Location TBA
3 credit hours

Many evidence-based health care interventions fail to produce successful outcomes when implemented into practice. Implementation and dissemination sciences comprise a multidisciplinary set of theories and methods to improve and expedite translating research evidence to everyday health-related practices. Both disciplines are systematic approaches to understanding how healthcare interventions can be better integrated into diverse practice settings, and emphasize direct engagement with institutions and communities where health interventions take place. In order to optimize public health, it is essential to not only understand how to create the best interventions, but how to best ensure that they are effectively delivered within clinical and community practice.

Course objectives:

- Define dissemination and implementation research, differentiating from related areas
- Identify potential impact of disseminating, implementing and/or sustaining effective interventions in health
- Describe a range of dissemination and implementation models and frameworks and apply them to specific questions or problems
- Discuss and apply the range of expertise required to conduct dissemination and implementation research and apply to specific questions or problems.
- Identify and use common dissemination and implementation measures and analytic strategies relevant to specific questions or problems
- Discuss and apply common approaches to stakeholder engagement in specific questions and problems
- Identify and describe the role of informatics in dissemination and implementation interventions
- Apply appropriate methods of evaluating implementation or dissemination efforts

This course will be taught using multiple methods, including group work, case study analyses, videos, and web-based technologies. The application and use of concepts learned in this course will be through development of a proposal for a small-scale implementation and/or dissemination project.