

COURSE DESCRIPTION

DISSEMINATION AND IMPLEMENTATION RESEARCH IN HEALTH (CLSC 7653)

Overview	An introduction to dissemination and implementation (D&I) research and practice in the context of health (i.e., translational research in health).
Instructor	Borsika Rabin, PhD, MPH, PharmD (profiles.ucsd.edu/adrienn.rabin)
Meeting Time	Thursdays, 7:00AM-8:30AM Mountain Time
Semester	Fall Semester (last week of August through first week of December)
Format	Fully online, using a combination of real-time video conferences and self-guided study.
Capacity	12 students
Semester Hours	3
Key Topics	The importance and language of D&I science; D&I designs, methods, and measures; differences and similarities across clinical, public health, and policy settings; tools to guide D&I research and practice; and emerging D&I science areas.

LEARNING OBJECTIVES AND COMPETENCIES | The course addresses a number of beginner and intermediate Dissemination and Implementation Science competencies,¹ including knowledge of:

- Key theories, models, and frameworks for D&I
- How to identify, adapt, and combine D&I theories, models, and frameworks for a research or quality improvement project
- How D&I outcomes differ from health services research outcomes
- How to integrate D&I theories, models, and frameworks into a proposal (background, methods, measures, analyses, and implications)
- Strategies to document and balance adaptations and fidelity
- How D&I science applies to various clinical and public health settings

In addition, this course addresses select Basic Public Health Skills (BPHS) and meets competencies for multiple University of Colorado graduate school programs: Clinical Sciences Program (CLSC), Health Services Research Program (HSR), and Community Behavioral Health and Education (CBHE)

¹Padek et al. *Implementation Science*, 2015 and Tabak et al. *Am J Prev Med*, 2017

EXPECTATIONS OF STUDENTS | Students must attend 90% of real-time classes, complete self-study assignments, and participate in discussions. This course is reading-intensive; students must read all assigned materials and be ready to discuss these during class. Required readings, reflections, self-study and written assignment time averages 5-10 hours per week for most students.

ASSIGNMENTS | Evaluation is based on contribution to the discussion in both real time and virtually; weekly reflections and written assignments; and a final written report and oral presentation of a D&I project proposal. We encourage coming into the class with a D&I project idea. Project idea examples include, but are not limited to: theoretical research, quality improvement projects, NIH career development awards, and small NIH research proposals.



ACCORDS

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