

DAY 1

Time and Session	Topic	Comments/Notes
Session 1: (1:00-1:20)	Introduce dual goals of workshop to provide entre to D&I as well as build cohort of scholars; expectations for participants; “mavens” and disseminating D&I; follow-up and engagement over time; make sure other resources in D&I are introduced	
Session 2: Why a science of D&I is needed (1:25-1:45) - Elvin Geng	Describe motivation for implementation science; understand need for rigor as well as relevance for generalizable but impactful implementation research; the central scientific challenge of context and generalizability; external validity a critical challenge in implementation science.	Discussant: Elvin Geng Moderator: Ana Baumann
Session 3: Using theories and frameworks to analyze implementation problems (1:50-2:10) – Stephanie Mazzucca	Understand approaches to addressing the gap between evidence and practice; the role of theory; common frameworks and theories; specific frameworks (e.g., CFIR); applications of theory to inform the understanding of a particular implementation problem; link to related theories in health behavior and public health (e.g., Bandura, socio-ecological frameworks)	Discussant: Stephanie Mazzucca Moderator Byron Powell
Session 4: The treatment - designing and applying implementation strategies (2:15 to 2:35) - Byron Powell	Understand implementation strategies; discuss conserved elements of strategies; classification efforts of strategies; examples and applications; importance of conceptualizing and reporting;	Discussant: Byron Powell Moderator: Ginger McKay
Small Group Discussion (4-5 students): 2:45 to 3:15	“My Journey in D&I Research”	Panel: Debra Oliver, Enyo Ablordeppey, Pat Lyons, Meagan Pilar Moderator: Elvin Geng

Day 2

Session 5: Implementation outcomes (1:00-1:20) – Ginger McKay	This session will outline and define common dissemination and implementation outcomes, and help the attendee apply implementation outcomes in their own work.	Discussant: Ginger McKay Moderator: Aaloke Mody
Session 6: Study Designs in Implementation Research (1:25-1:45) – Aaloke Mody	Understand different research designs that can advance D&I research; pragmatic trials, stepped wedge; cover use of “impact evaluation” or econometric approaches such as regression discontinuity and difference-in-difference; the concept of natural experiments; hybrid designs – implementation and effectiveness trials; choice experiments; human centered design; SMARTs;	Discussant: Aaloke Mody Moderator: TBD

Session 7: Context, Adaptation and Fidelity (1:50-2:10) – Ana Baumann	Introduce the concept of fidelity and adaptation; how context is discussed in the field; form and function	Discussant: TBD Moderator: Elvin Geng
Discussion 2:15-3:15 (Small groups of 3-4)	Students to describe their work in D&I, including development of a proposal, and solicit feedback from the group	All Faculty