



THE WARREN ALPERT
Medical School
BROWN UNIVERSITY

Department of Psychiatry
and Human Behavior

BRIDGE Brown Research on Implementation and
Dissemination to Guide Evidence Use

Dissemination and Implementation Science Training Resources
Compiled by the Department of Psychiatry and Human Behavior BRIDGE Program

Formal Coursework

Brown University POLS 2400: Qualitative and Mixed Methods Research

- **Description:** This graduate seminar offers an introduction to the design and implementation of social science research that deploys qualitative data and analysis in conjunction with other methods of inquiry. This course will explore the set of tools that is conventionally considered to comprise qualitative methods, including case studies, small-N comparisons, process tracing, sequential analysis, interviews and participant observation. Starting from the premise that each research method has its strengths and weaknesses, the course will also consider how qualitative methods can be combined productively with other methods of inquiry, including “large-N” quantitative analysis, experiments, spatial/geographic analysis, and multilevel analysis spanning different scales.

Brown University PHP 2060: Qualitative Methods in Health Research

- **Description:** Introduces qualitative approaches to data collection and analysis in health research. Methods covered include: participant observation, key-informant interviews, focus groups, innovative data collection strategies, and non-obtrusive measures. Students will use applied projects to develop skills in: qualitative data collection and management, interviewing, transcript analysis using computerized software, triangulation between qualitative and quantitative data, and report preparation for qualitative studies.

Brown University PHP 2040: Survey Research Methods

- **Description:** Emphasizes the theory of sampling and survey methods and their application to public health research. Topics include: survey design and planning; principles of sampling and survey terminology; questionnaire construction; protection of human subjects; data collection (including interviewing and data coding procedures); and application, presentation, and evaluation of results.

UC San Francisco Online Certificate in Implementation Science (Online)

- **Description:** The Online Certificate in Implementation Science program is a part-time program focused on theories and methods relevant to the design of strategies to facilitate uptake of health-related interventions. Scholars can choose to take individual courses or complete four required and two electives courses to obtain the certificate. The courses and certificate program are designed for people from a broad range of professional settings who are currently engaged in the development, implementation and evaluation of strategies to promote and improve health and health care quality, including clinical and public health researchers, quality improvement officers, community-based clinic staff, public health and public policy practitioners, and clinicians.
- **Website:** <https://epibiostat.ucsf.edu/online-certificate-implementation-science>

UC San Francisco Individual Implementation Science Courses (offered virtually)

- **Description:** Example courses include: *Introduction to Implementation Science Theory and Design* (EPI 245), *Community Engaged Research* (EPI 248), *Grant Writing Workshop on Mentored Career Development Awards*, *Qualitative and Mixed Methods Research* (EPI 267). Link below provides details of course listings, as well as example syllabi.
- **Website:** https://tigr.ucsf.edu/misc/course_descriptions.html

University of Colorado's ACCORDS (Adult and Child Consortium for Health Outcomes Research and Delivery Science) Dissemination and Implementation Science Graduate Certificate Program

- **Description:** The mission of the Dissemination & Implementation Graduate Certificate Program is to equip graduates with the D&I research skills needed to design rigorous and innovative translational research, and to successfully compete for federal funding to carry out their proposed work.
- **Website:** <https://medschool.cuanschutz.edu/accords/cores-and-programs/dissemination-implementation-science-program/dissemination-implementation-science-graduate-certificate-program>

University of Maryland, Baltimore Concentration/Certificate in Dissemination and Implementation

- **Description:** This concentration and certificate provides students with the tools to work in the emerging field of implementation science. Graduates will understand and apply various research design and implementation methods in the fields of health systems and policy, as well as in the study of infectious diseases, such as HIV and non-communicable diseases. Students interested in Dissemination and Implementation Science will have the opportunity to learn about a field that is quickly emerging worldwide.
- **Website:** <https://graduate.umaryland.edu/research/>

University of Pennsylvania Implementation Science Courses

- **Description:** Offered as part of Penn's Masters of Science in Health Policy Research, courses on Implementation Science in Health and Health Care (HPR 611) and Advanced Topics in Implementation Science (HPR 612) are available as standalone courses (with instructor permission).
- **Website:** <https://ldi.upenn.edu/about-us/partners/penn-ldi-affiliated-centers/penn-implementation-science-center/>

University of Washington Global Health E-Learning: Fundamentals of Implementation Science in Global Health (Online)

- **Description:** This course explores the current literature on implementation science; introduces strategies for using innovative scientific methods and tools of diverse disciplines to understand and overcome impediments to implementation and facilitate scale-up; and uses applied case studies to identify and contextualize implementation successes and failures.
- **Website:** <https://edgh.washington.edu/courses/fundamentals-implementation-science/syllabus>

Grant Writing Resources

National Cancer Institute- Sample D&I Grant Applications

- **Description:** The National Cancer Institute (NCI) often receives requests for examples of funded grant applications. Several investigators and their organizations agreed to let Implementation Science (IS) post part of their dissemination and implementation grant applications online.
- **Website:** <https://cancercontrol.cancer.gov/is/funding/sample-grant-applications>

National Cancer Institute- Funding Webinar

- **Description:** The Funding Opportunity Announcements (FOAs) encourage investigators to submit research grant applications that will identify, develop, test, evaluate and/or refine strategies to disseminate and implement evidence-based practices (e.g. behavioral interventions; prevention, early detection, diagnostic, treatment and disease management interventions; quality improvement programs) into public health, clinical practice, and community settings. In addition, studies to advance dissemination and implementation research methods and measures are encouraged. National Cancer Institute staff provided an orientation to, and technical assistance by, explaining the goals and objectives for the FOAs and answered questions from webinar attendees. Representatives from other co-signed National Institute of Health (NIH) Institutes and Centers answered IC-specific questions.
- **Website:** <https://cancercontrol.cancer.gov/is/funding/funding-webinars>

The University of North Carolina at Chapel Hill Grant Writing Resources

- **Description:** This website provides information about writing a successful implementation science grant proposal, including sample grants, grant-writing resources, and funding opportunities.
- **Website:** <https://impsci.tracs.unc.edu/get-funded/grant-writing-resources/>

Professional Memberships and Conferences

Association for Behavioral and Cognitive Therapies Annual Conference (ABCT)

- **Description:** Annual conference focused on Cognitive Behavioral Therapy and related-interventions, conference has a very active Dissemination and Implementation Science Special Interest Group (DIS-SIG). Conference held yearly in November.
- **Website:** <https://www.abct.org/Conventions/>

Evidence and Implementation Summit

- **Description:** The Evidence and Implementation Summit is a biannual conference and one of the leading evidence and implementation sector events on the global calendar. The event focuses on the intersection of research, policy and practice. It shares advances in the fields of evidence synthesis and translation, evaluation and implementation science, and debates their impact on policies and programs and their capacity to change the lives of people and communities for the better.
- **Website:** <https://www.eisummit.org>

Global Implementation Society and Annual Conference

- **Description:** Implementation practice and science are developing rapidly in human services in nations around the globe. The Global Implementation Society (GIS) advances implementation practice and science by supporting members and by directly undertaking projects to develop implementation as a profession based on knowledge and standards for practice. Membership in the Global Implementation Society is a community of professionals who are developing and using new and better ways of providing

human services (implementation practice) and who are generating knowledge about how best to do this (implementation research, implementation policy). Members represent a variety of service sectors, have different professional and disciplinary backgrounds, and are from high- and low-resource settings across the globe.

- Website: <https://gic.globalimplementation.org/>

Guidelines International Network

- **Description:** The Guidelines International Network (GIN) offers an annual conference focused on the implementation and sustainability of healthcare guidelines.
- Website: <https://g-i-n.net>

NIH/AcademyHealth Science of Dissemination and Implementation in Health Annual Conference

- **Description:** Annual D&I focused conference held in Washington, D.C. in December. Opportunity for pre-conference Technical Assistance workshop that provides mentorship to attendees from nationally recognized Implementation Science Researchers.
- Website: <https://academyhealth.org/events/site/15th-annual-conference-science-dissemination-and-implementation-health>

Prevention Science & Methodology Group, Center for Prevention Implementation Methodology, Northwestern University Feinberg School of Medicine

- **Description:** The Prevention Science and Methodology Group is a virtual network of more than 900 empirical researchers and methodologists aimed to advance the field of prevention science and support the implementation of evidence-based prevention programs. Sign up at the link below for free membership, which provides access to weekly Virtual Grand Rounds presentations, which are also archived on their website.
- Website: <https://cepim.northwestern.edu/psmg>

Research & Policy Conference on Child, Adolescent, and Young Adult Behavioral Health

- **Description:** Annual conference sponsored by the University of South Florida. The conference has highlighted significant accomplishments in the field and has been able to introduce new frameworks, conceptual models, and methodological approaches to the field of children's mental health. New information from community, state, and national-level investigations is shared on what it takes to translate the science of systems of care so the mental health needs of children, adolescents, and their families can be met within their home, school, and community environments.
- Website: <https://www.usf.edu/cbs/cfs/itre/conference.aspx>

Society for Implementation Research Collaboration Biennial Conference

- **Description:** The Society for Implementation Research Collaboration (SIRC) holds bi-annual conferences dedicated to facilitating communication and collaboration between implementation research teams, researchers, and community providers. Membership provides access to a D&I instrument repository that includes psychometric evaluation as well as mentorship opportunities through the SIRC Networks of Expertise.
- Website: <https://societyforimplementationresearchcollaboration.org/>

UC San Diego Dissemination and Implementation Science Center (DISC)

- Description: The UC San Diego DISC allows members to become General Members or Investigators to gain access to D&I training, mentoring, and consultation opportunities. Trainings include an annual D&I Science Bootcamp, training workshops, a D&I Journal Club, and Grant Preparation Consultation.
- Website: <https://medschool.ucsd.edu/research/actri/centers/DIR/Pages/default.aspx>

University of Colorado's ACCORDS (Adult and Child Consortium for Health Outcomes Research and Delivery Science), Colorado Pragmatic Research in Health Conference (COPRH CON)

- Description: COPRH CON is an AHRQ-funded conference designed for clinical and translational investigators, including statisticians, dissemination and implementation scientists, health services and public health researchers, and program evaluators. COPRH Con offers sessions and discussions incorporating pragmatic trial planning using the PRECIS-2, pragmatic research approaches and study design, rapid qualitative and mixed methods, and stakeholder engagement. Presentation materials and recordings from past conferences are archived on the conference website.
- Website: <https://medschool.cuanschutz.edu/accords/cores-and-programs/education-program/coprhcon>

Short Courses, Webinars, and Workshops

Advance Clinical and Translational Research (Advance-CTR, Rhode Island)

- **Description:** Advance-CTR offers events, trainings, and professional development opportunities year-round to all investigators in Rhode Island. Examples include the Advance-K Scholar Career Development Program, the Advance-R Program, the Mentoring Training Program, and its extensive Seminar Series (including the Implementation Science Seminar Series and Qualitative Methods Seminar Series). In addition, Advance-CTR includes multiple research services through its Service Cores (i.e., Biostatistics, Epidemiology, and Research Design Core; Biomedical Informatics Core; Community Engagement and Outreach Core), including support for qualitative and mixed methods research.
- **Website:** <https://advancectr.brown.edu/events-training>

Agency for Healthcare Research and Quality Practice Facilitation Training Modules

- **Description:** Practice facilitators help practices implement the best evidence and develop quality improvement capacity. To assist practice facilitators in gaining critical skills, AHRQ developed 14 free, interactive training modules. The modules, each 20-30 minutes long, teach the people and technical skills facilitators need to excel. The modules provide opportunities to practice skills and include videos of experienced practice facilitators who share insights and helpful hints. Each module is paired with additional resources for learners to continue their exploration.
- **Website:** <https://www.ahrq.gov/ncepcr/tools/transform-qi/deliver-facilitation/modules/index.html>

Behavioral Health (BH) QUERI Implementation Facilitation Training

- **Description:** “The Implementation Facilitation Learning Hub is designed to train implementation practitioners and investigators on the use of Implementation Facilitation (IF) to implement effective practices and other clinical innovations. IF is an implementation strategy informed by the integrated–Promoting Action on Research Implementation in Health Services (i-PARIHS) theoretical framework. It involves interactive problem-solving and support which occurs in a context of a recognized need for improvement and supportive interpersonal relationships.”
- **Website:** https://www.queri.research.va.gov/training_hubs/implementation-facilitation.pdf

Cancer Prevention and Control Research Network (free online self guided)

- **Description:** “Over multiple funding cycles, the CPCRN has created an interactive training curriculum to support community program planners, health educators and practitioners in developing capacity to use evidence-based approaches to improve the health of their community. This curriculum has been disseminated widely over the years, both nationally and internationally, and provides the background and tools needed for planning, implementing, and evaluating community health interventions.”
- **Website:** <https://cpcrn.org/training>

The Center for Implementation Inspiring Change 2.0 Mini Course (Free Online)

- **Description:** This free mini-course, developed by [The Center for Implementation](#) will help you: Understand what evidence-based implementation is and how to proactively plan for change; Discover how process models, theories, and frameworks can be the backbone of your change plan; Be inspired to use behavior change theory; Be more purposeful with your time, by addressing high-priority areas and anticipating resistance to change and; Learn simple tips and tricks that can set you up for success. Additional 6-week and multi-module courses offered include Designing for Implementation and Implementation, Spread, and Scale.

- Website: <https://thecenterforimplementation.teachable.com/p/inspiring-change>

Center for Prevention Implementation Methodology for Drug Abuse and HIV (Ce-PIM), Northwestern University Feinberg School of Medicine

- **Description:** Ce-PIM is a national resource in the emerging field of implementation science, specifically in developing and applying implementation methodology to prevent HIV transmission and drug abuse. The methods developed by Ce-PIM improve the implementation of evidence-based interventions into service systems by measuring, modeling, and testing implementation strategies. While they apply these implementation methods to the prevention of HIV transmission and drug abuse, they are of general applicability to the challenges that researchers, policy makers, and practitioners face in scaling up evidence-based interventions in all areas of health and medicine. Recordings of webinars are posted at the link below.
- Website: <https://cepim.northwestern.edu/trainings>

Dissemination and Implementation (D&) Launchpad, D&I Short Course, University of Wisconsin-Madison Institute for Clinical and Translational Research

- **Description:** The D&I Short Course is a forum for researchers and community stakeholders to explore the emerging fields of dissemination and implementation sciences with national and local experts. The course includes interactive sessions that navigate the steps from concept and design to adaptation and implementation in practice. This short course attracts a multi-disciplinary group from all over the world interested in learning about new concepts and frameworks, hearing examples being used in health care delivery and community settings, and applying this knowledge and expert feedback to their own projects and research. The program archives provide all event agendas, materials, and speaker presentation videos.
- Website: <https://ictr.wisc.edu/dissemination-implementation-launchpad/di-education-resources/#short-course>

BRIDGE Program Seminar Series, Department of Psychiatry and Human Behavior, Alpert Medical School of Brown University

- **Description:** Six seminars per year plus a yearly D&I Grand Rounds speaker focused on a broad range of dissemination and implementation science research topics. Past topics have included: What is dissemination and implementation science; Introduction to D&I measures; Introduction to D&I theories, models, and frameworks; Implementation strategies; Hybrid effectiveness-implementation trial designs; De-implementation; Evidence-based practice fidelity and adaptation; Sustainability; Engaging Stakeholders; Dissemination strategies; Quality improvement; Qualitative methods for D&I; Intervention mapping; User-centered design principles.
- Website: <https://advancectr.brown.edu/events-training/seminar-series>

Duke University School of Medicine, Department of Population Health Sciences Summer Institute Workshops

- **Description:** Explore new topics in population health sciences, patient reported outcomes, and a variety of research methods. Virtual workshops employ live discussions, case studies, hands-on learning, or lectures. Workshop topics include Dissemination, Implementation, and Improvement Science; Employing Mixed Methods Approaches for Population Health Research, and Qualitative Study Design, Implementation, and Dissemination for Studies in Medicine and Population Health Sciences.
- Website: <https://populationhealth.duke.edu/summer2022/summer-institute-workshops>

H.W. Odum Institute - Integrated Mixed Methods: Bridging Qualitative and Quantitative Methods and Results

- **Description:** Also taught by implementation scientist and qualitative/mixed methods expert Alison Hamilton, Ph.D. “This course focuses on strategies, tips, and best practices to accomplish integration in accessible and effective ways, including:
 - Rationales to guide decision-making related to study design and execution
 - Conceptual, theoretical, and/or logic models as roadmaps to set the stage for and guide integration
 - Analytic strategies that advance frameworks and dynamic processes of connecting, building, merging, embedding, and bridging”
- Historically offered in the fall and spring, via webinar
- **Website:** <https://odum.unc.edu/?s=alison+hamilton>

Implementation Science Video Library

- **Description:** Repository of implementation science webinars covering a range of topics, such as sustainability, implementation strategy design, and implementation science theories, models, and frameworks.
- **Website:** <https://www.youtube.com/channel/UCJhGTpULmVIENeYHPDy-jLg/videos>

Knowledge Translation Program

- **Description:** The KT Program provides practical courses in Knowledge Translation (KT) to meet the needs of trainees, researchers, practitioners, knowledge users, health administrators and policy makers. Whether online or in-person, their inter-disciplinary staff and faculty work to create inclusive, participant-centered learning environments that help individuals meet their learning goals and equip them with the competencies to apply KT in real-world settings. Education and training streams include: Assessing Evidence, Patient Oriented Research, Implementing Evidence, Disseminating Evidence.
- **Website:** <https://knowledgetranslation.net/education-training/>

National Cancer Institute, Division of Cancer Control & Populations Sciences, Advanced Topics in Implementation Science Webinars

- **Description:** Listen in as leaders in the field discuss advanced dissemination and implementation research topics and answer questions from the community. Past sessions are available to listen to in the archives section.
- **Website:** <https://cancercontrol.cancer.gov/IS/training-education/Webinars.aspx>

NYU School of Global Public Health (NYU GPH) Policy-Focused Implementation Science Institute Two Day Training

- **Description:** “The learning objectives of this two-day virtual training are to:
 - Understand relevant theories and frameworks, study designs, measures, and concepts related to policy implementation science and apply this knowledge to:
 - Write a policy-focused implementation science grant
 - Integrate a policy component or aim into a non-policy-focused implementation science grant or project
 - Integrate an implementation science component or aim into a policy-focused grant or project
- The training consists of synchronous didactic lectures, panel presentations and discussions, small group discussions, one-on-one consultations with experts and is structured around six modules.”

- Website: <https://publichealth.nyu.edu/search?search=NYU+School+of+Global+Public+Health+%28NYU+GPH%29+Policy-Focused+Implementation+Science+Institute+Two+Day+Training+>

Qualitative Research Summer Intensive/Qualitative Data Analysis Camp

- **Description:** Set of intensive summer courses offered in July and November in North Carolina (and online) focused on training in qualitative and mixed methods. Alison Hamilton, Ph.D. is an implementation scientist who provides one and two-day courses within this summer intensive focused on qualitative and mixed methods specifically for implementation science research.
- Website: <http://www.researchtalk.com/upcoming-events/>

VA QUERI (Quality Enhancement Research Initiative) Implementation Research Group

- **Description:** The Implementation Research Group (IRG) is a national learning collaborative that showcases state-of-the-art implementation science topics to an audience of nearly 300 members from across the nation (VA and non-VA) and outside of the US. The VA Center for Evaluation and Implementation Resources (CEIR) supports the IRG's activities which include educational cyber seminars, community of practice calls, and five specialty working group calls related to different implementation approaches and strategies. This website provides a wide range of resources, including best practices for learning collaboratives and economic evaluations in implementation science, information about using evidence to inform national policy initiatives, and the QUERI [cyberseminar series](#).
- Website: <https://www.queri.research.va.gov/>

SickKids Specialist Knowledge Translation (KT) Training Workshop

- **Description:** Initially developed to help SickKids scientists build their KT skills, the course is equally suited to KT professionals, clinicians, clinician-scientists, educators and decision makers. The material is universally applicable across sectors, job roles and geographic location. This is a very practice-oriented course that covers: The utility of KT, for researchers, educators, clinician-scientists and others; KT strategies and their evidence base; Developing a KT plan (practical, hands-on approach using tools); Plain language communication; Communicating with different audiences
- Website: <http://www.sickkids.ca/Learning/AbouttheInstitute/Programs/Knowledge-Translation/2-Day-Scientist-Knowledge-Translation-Training/index.html>

UC San Francisco Research in Implementation Science for Equity (RISE) Training Program

- **Description:** Research in Implementation Science for Equity (RISE) is an all-expenses-paid training opportunity for junior faculty who are underrepresented in the biomedical sciences. RISE is designed to train competitive scientists and enhance the diversity of the biomedical research workforce. The program involves a two-week RISE Summer Institute, focused on implementation science and career mentoring.
- Website: <https://pridecc.wustl.edu/programs/research-in-implementation-science-for-equity>

University of Michigan Mixed Methods Research Workshops

- **Description:** The Mixed Methods Program at the University of Michigan offers a variety of online workshops focused on qualitative and mixed methods research. They also have a Qualitative and Mixed Methods Learning Lab (QMMLL), which is a learning-based group seminar that meets twice per month from September-June each year.
- Website: <https://www.mixedmethods.org/workshops.html>

Yale Center for Implementation Science

- Description: Webinars, Seminars, and Grand Rounds Lectures focused on Implementation Science – example topics included Health and Healthcare Equity, Economic Evaluation, Methods in Implementation
- Website: <https://medicine.yale.edu/ycis/news/events/>

Training Institutes

Child Intervention, Prevention, and Services Research Training Institute (Competitive)

- **Description:** CHIPS (Child Intervention, Prevention, and Services) is a interdisciplinary training consortium, created to enhance career development for early career scientists pursuing research careers in the areas of intervention, prevention, and the provision of services for children and adolescents. CHIPS is funded through the NIMH Division of Services and Intervention Research (DSIR), which supports two critical areas of research, intervention research to evaluate the effectiveness of preventive and treatment interventions and mental health services research. Each CHIPS fellow participates in a one-week training institute followed by a year or more of ongoing supervision by their assigned CHIPS mentor, and participation in CHIPS web seminars. Post-doctoral trainees and early career faculty are eligible to apply. Trainees must be working broadly in areas of prevention, intervention, or services in child psychiatric mental disorders funded by the NIMH.
- **Website:** <http://chipsfellows.com/>

GACD Implementation Science School (Competitive)

- **Description:** The GACD Implementation Science School includes two and a half-weeks of intensive training facilitated by some of the field's most prominent global experts. It aims to train early- and mid-career researchers who have an interest in non-communicable diseases about the field of implementation science in low- and middle-income countries. Through expert-led lectures, small group sessions, facilitated group work, and panel discussions, trainees will learn how to study and implement research findings into policy and practice, select and apply theories, models, and frameworks, and create a professional network for future collaborations.
- **Website:** <https://www.gacd.org/community/capacity-development/schools/2022-gacd-implementation-science-school>

HIV, Infectious Disease and Global Health Implementation Research Institute (HIGH IRI; Competitive Training Program for Faculty-level researchers)

- **Description:** HIGH-IRI offers mentored training in dissemination and implementation research methods focused on HIV, Infectious Diseases and Global Health. The goal of HIGH-IRI is to contribute to the scientific development of scholars developing a career in implementation research through training, mentorship, and enhancing professional networks in the field. The program is composed of a two-year period of training and mentorship with two one-week in-residence sessions in St. Louis and remote mentorship throughout the year.
- **Website:** <https://sites.wustl.edu/highiri/>

Implementation Research Institute (IRI; Competitive Training Program for Faculty-level researchers)

- **Description:** IRI Fellows will join a learning collaborative of implementation researchers for two years; Spend one week each summer at the Center for Mental Health Services Research (CMHSR) at Washington University in St. Louis. (Travel funds provided.); receive individualized mentoring with an expert implementation researcher and; shape a research agenda and prepare a competitive grant proposal.
- **Website:** <https://iristl.org/about/>

Implementation Science Institute, University of Pennsylvania (Non-Competitive)

- **Description:** A 2-3 day Implementation Science Focused training institute focused on providing participants with training to conduct rigorous implementation science research.
- **Website:** <https://mshp.med.upenn.edu/implementation-science-institute>

Institute for Implementation Science Scholars (IS2; Competitive Training Program), Washington University St. Louis

- **Description:** A 2-year cohort based IS training program held at Washington University St. Louis. OBSSR funded a R25 to create IS2.
- **Website:** <https://is2.wustl.edu/>

John Hopkins Bloomberg School of Public Health, Mixed Methods Research Training Program for the Health Sciences (Competitive)

- **Description:** The Mixed Methods Research Training Program for the Health Sciences is funded by the National Institutes of Health through the Office of Behavioral and Social Science Research (OBSSR), and is the only program of its kind in the United States. The program fulfills a national need for training in mixed methods and is a natural next step following the publication of the OBSSR "Best Practices for Mixed Methods Research in the Health Sciences." Selected scholars have access to webinars, resources, come to an in-person retreat to discuss their research project, and are matched with mixed methods expert consultants.
- **Website:** <https://www.jhsph.edu/academics/training-programs/mixed-methods-training-program-for-the-health-sciences/index.html>

Knowledge Translation Canada (Competitive)

- **Description:** The purpose of this Summer Institute is to provide participants with the opportunity to increase their understanding of knowledge translation research as well as opportunities and challenges in this field. The Summer Institute will provide participants with the change to network with colleagues including national KT experts. The Summer Institute is aimed at graduate students, post-doctoral and clinical fellows, and junior faculty who study issues relevant to KT and those who want to learn more about how to advance their research skills in this area.
- **Website:** <https://ktcanada.org/event/kt-canada-summer-institute-2022/>

Systems Science for Social Impact (SSSI) Summer Training Institute – Wash U St. Louis (Competitive)

- **Description:** At this 5-day Summer Training Institute, participants get a hands-on introduction to systems science methods that enhance the social impact of health and social science research. Led by experienced systems science scholars, this in-depth training institute will focus on four major systems science methods: **Agent-based Modeling, Group Model Building, Social Network Analysis, and System Dynamics**. Participants will review the major concepts of their chosen track/method, learn analytic best practices, and apply the methods to real-world data.
- **Website:** <https://systemsscienceforsocialimpact.wustl.edu/>

Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC; Competitive, but OpenAccess option also available)

- **Description:** The National Cancer Institute (NCI) Division of Cancer Control and Population Sciences (DCCPS) hosts this training institute to provide participants with a thorough grounding in conducting dissemination and implementation (D&I) research with a specific focus on cancer, across the cancer control continuum. The institute utilizes a combination of online coursework (six modules with related

assignments), and a 2-day in-person training. Faculty and guest lecturers consist of leading experts in D&I theories, models, and frameworks; intervention fidelity and adaptation; stakeholder engagement and partnership for D&I; research methods and study designs for D&I; and measures and outcomes for D&I. The TIDIRC website also offers a TIDIRC OpenAccess course that includes 8 modules that can be viewed individually or as a whole. These modules include videos, readings, and self-reflection questions that are most likely to be useful once trainees have an initial D&I research project idea.

- Website: <https://cancercontrol.cancer.gov/IS/training-education/tidirc/index.html>
- TIDIRC OpenAccess: <https://cancercontrol.cancer.gov/is/training-education/training-in-cancer/TIDIRC-open-access>

Websites

Center for Evidence and Implementation (Australia)

- **Description:** Founders/planners of the Global Evidence and Implementation Summit (GEIS) held each fall in Australia. You can subscribe to their quarterly newsletter at the link below. CEI works with researchers, policymakers, organizational leaders and practitioners – across Australia and around the world – to strengthen programs and policy through science-based innovation.
- **Website:** <https://www.ceiglobal.org/>

Consortium for Implementation Science

- **Description:** A joint endeavor of RTI International and the UNC Gillings School of Global Public Health. A *wealth* of resources on fellowships, funding opportunities, job opportunities, resources, trainings, webinars and more.
- **Website:** <http://consortiumforis.org>
- **Newsletter signup:** <https://news.consortiumforis.org/newsletter/>

Dissemination & Implementation Research Core (DIRC) at Washington University in St. Louis

- **Description:** The Dissemination and Implementation Research Core (DIRC) provides methodological expertise to advance translational (T3 and T4) research to inform and move efficacious health practices from clinical knowledge into routine, real-world use. The DIRC works with ICTS scientists to move forward scientific agenda and grant writing related to dissemination and implementation (D&I) of health care discoveries. Furthermore, they develop tools and methods for studying D&I.
- **Website:** <https://icts.wustl.edu/icts-researchers/icts-cores/find-services/by-core-name/dissemination-implementation-research-core>

The Evans Center for Implementation and Improvement Sciences (CIIS)

- **Description:** CIIS is a methodological hub for the scientific evaluation of efforts to improve healthcare delivery. They integrate key components of implementation and improvement sciences to address the needs of safety net systems. Monthly workshops are held at the BU Medical Campus and are open to all.
- **Website:** <http://sites.bu.edu/ciis/>

Implementation Science Exchange

- **Description:** “A one-stop resource for implementation science researchers.” The Implementation Science Exchange is a free, online source for those interested in resources to help design, acquire funding for, execute and disseminate Implementation Science research projects. We find (or create) resources, tools, websites, guides, toolkits and sample grant applications to help support researchers in the field of Implementation Science, particularly those new to research or new to the field itself.
- **Website:** <https://impsci.tracs.unc.edu/>

Implementation Science Resource Navigator

- **Description:** The purpose of this resource navigator is to support implementation science researchers and practitioners in identifying and navigating relevant implementation research resources. Below, we have curated and categorized links to key websites in different implementation science domains designed to provide practical directions and guidance. This resource navigator is intended to be useful for researchers and practitioners at any implementation science and research experience level.
- **Website:** <https://www.implementation-guide.com/>

National Implementation Research Network Summer Institute on Implementation Science Methods Archive

- **Description:** The second annual Summer Institute sought to share methods and tools for integrating equity and inclusion in implementation science and practice. Intended participants included social workers and public health professionals serving as agency leaders, directors, program managers, and program evaluators, as well as implementation researchers and practitioners. All materials from the summer institute are available online at the link below.
- **Website:** <https://nirn.fpg.unc.edu/resources/2019-summer-institute-implementation-science-materials>

VA Quality Enhancement Research Initiative (QUERI) Economic Evaluation Resources

- **Description:** “Measuring the cost of implementation efforts is crucial for informing future policy and program decisions, yet economic methods for implementation science are lacking. Established in 1999 to support economic research on increasing healthcare efficiency and value, HSR&D's Health Economics Resource Center (HERC) is leading VA efforts to identify best practices and develop resources and tools for economic evaluations in implementation science.”
- **Website:** <https://queri.research.va.gov/herc.cfm>

Resources for Researchers, NIH, Office of Disease Prevention

- **Description:** A library of federal tools and resources to help you develop and conduct prevention research projects. You'll find data instruments, research findings, clinical practice guidelines, and examples of translating research into practice through public health programs, policies, and interventions.
- **Website:** <https://prevention.nih.gov/research-priorities/resources-researchers#!/tool?terms=dissemination-implementation>

Society of Behavioral Medicine Sci Comm Toolkit

- **Description:** “Whether you are a sci comm beginner or a full-fledged expert, this toolkit has all the resources you need to communicate your work effectively. There's a little bit of something for everyone, no matter how you learn best or which communication vehicles interest you most. Podcasts, infographics, videos, op-eds, tip sheets, tweets—we've got it all! The possibilities are endless. Take some time to explore our toolkit and find out what sci comm can do for you.”
- **Website:** <https://www.sbm.org/scicomm>

University of California Los Angeles Rapid, Rigorous, Relevant Implementation Science Hub YouTube Channel

- **Description:** “The UCLA Rapid, Rigorous, Relevant (3R) Implementation Science Hub provides leadership and support for HIV-related implementation research emphasizing pragmatic study designs and methods that address health equity and produce sustainable solutions.”
- Playlist has videos on a range of topics, including making interview guides.
- **Website:** <https://www.youtube.com/playlist?list=PLLeXfMZxqWd5YHUfQhmlSwfKjgwebIAj7>

University of Colorado's ACCORDS (Adult and Child Consortium for Health Outcomes Research and Delivery Science) Dissemination and Implementation Program

- **Description:** The ACCORDS program communicates updated information on D&I related conferences, articles, grant opportunities, events, webinars, talks, and training opportunities. The “Advancing the Science” section of their website offers a compilation of key D&I resources.

- Website: <https://medschool.cuanschutz.edu/accords/cores-and-programs/dissemination-implementation-science-program>

University of Michigan Mixed Methods Program

- Description: The University of Michigan Mixed Methods Program website includes a variety of resources related to conducting mixed methods research, including a list of journals that publish mixed methods papers, books about conducting mixed methods research, recommended reading, and training modules. They also offer mixed methods workshops through their program, described above.
- Website: <https://www.mixedmethods.org/resources.html>

University of Washington Implementation Science Resource Hub

- Description: This resource hub includes a wide range of implementation science-focused training opportunities, including formal coursework offered at UW and a wide range of seminars and literature
- Website: <https://impsciuw.org>

Websites about Models and Measures

The Behavior Change Wheel

- **Description:** The Behaviour Change Wheel (BCW) was developed from 19 frameworks of behaviour change identified in a systematic literature review. It consists of three layers. The hub identifies the sources of the behaviour that could prove fruitful targets for intervention. It uses the COM-B ('capability', 'opportunity', 'motivation' and 'behaviour') model. This model recognises that behaviour is part of an interacting system involving all these components. Interventions need to change one or more of them in such a way as to put the system into a new configuration and minimise the risk of it reverting. Surrounding the hub is a layer of nine intervention functions to choose from based on the particular COM-B analysis one has undertaken. The outer layer, the rim of the wheel, identifies seven policy categories that can support the delivery of these intervention functions.
- **Website:** <http://www.behaviourchangewheel.com/>

The Consolidated Framework for Implementation Research (CFIR) Technical Assistance Website

- **Description:** The CFIR provides a menu of constructs that can be used in a range of applications – as a practical guide for systematically assessing potential barriers and facilitators in preparation for implementing an innovation, to providing theory-based constructs for developing context-specific logic models or generalizable middle-range theories.
- **Website:** <https://cfirguide.org/> (as of Dec 2023 had not been updated for CFIR 2.0), can use <https://thecenterforimplementation.com/toolbox/cfir-guide>

CFIR-ERIC Implementation Strategy Matching Tool

- **Description:** “The CFIR-ERIC Implementation Strategy Matching Tool guides users in choosing an implementation strategy based on the results of a context assessment. The tool maps 73 implementation strategies from the “Expert Recommendations for Implementing Change (ERIC)” to the “CFIR constructs.”
- **Website:** <https://www.nccmt.ca/organizational-change/results/77>

Dissemination & Implementation Models in Health Research and Practice

- **Description:** This interactive website was designed to help researchers and practitioners to select the D&I Model that best fits their research question or practice problem, adapt the model to the study or practice context, fully integrate the model into the research or practice process, and find existing measurement instruments for the model constructs. The term ‘Models’ is used to refer to both theories and frameworks that enhance dissemination and implementation of evidence-based interventions more likely.
- **Website:** <http://www.dissemination-implementation.org/index.aspx>

The EPIS Implementation Framework Website

- **Description:** The EPIS Framework highlights key phases that guide and describe the implementation process and enumerates common and unique factors within and across levels of outer context (system) and inner (organizational) context across phases, factors that bridge outer and inner context, and the nature of the innovation or practice being implemented and the role of innovation/practice developers. This website was created to explain and support the EPIS framework and to provide resources for using EPIS including measures and tools (e.g., worksheets, guides).
- **Website:** <https://episframework.com>

Grid-Enabled Measures Database, National Cancer Institute

- Description: GEM is an interactive website containing behavioral, social science, and other scientific measures organized by theoretical constructs. GEM enables researchers to collaborate with others, encourages the use of common measures, and facilitates the sharing of harmonized data.
- Website: <https://www.gem-beta.org/Public/Home.aspx>

RE-AIM Planning Tool

- Description: This site provides an explanation of and resources for those wanting to apply the RE-AIM framework. The RE-AIM framework is designed to enhance the quality, speed, and public health impact of efforts to translate research into practice in five steps: (1) Reach your intended target population; (2) Efficacy or efficacy; (3) Adoption by target staff, settings, or institutions; (4) Implementation consistency, costs and adaptations made during delivery; (5) Maintenance of intervention effects in individuals and settings over time
- Website: <http://www.re-aim.org/>