

Letter from Rinad and Meghan

Dear PISCE@LDI community,

We finished out the spring semester strong with a series of incredible talks from leading colleagues in the field of implementation science, including from [Dr. Sarit Golub](#) and [Dr. Geoff Curran](#). Each of their talks had over 80 attendees!

We also just wrapped up this year's MsHP PISCE@LDI [Penn Implementation Science Institute](#) (ISI). We had 86 individuals attend from all across the country and also Australia! This brings us to a total of over 400 people trained through our educational offerings. Check out #PennISI21 on twitter if you want to see the highlights – the work of PISCE@LDI members was heavily featured.

We hope that you get some rest and relaxation this summer if possible after this year.

Be well,
Rinad and Meghan

Events

PISCE@LDI will be taking a pause on holding works-in-progress meetings for the summer. We hope you have a restful and productive summer and look forward to meeting with you again in September!

Please save the dates for our September and November PISCE@LDI WIP meetings. More details will be sent as they get closer.

- Wednesday, September 1st, 12-1 PM EST
- Wednesday, November 3rd, 12-1 PM EST

Please email Rinad (Rinad.Beidas@pennmedicine.upenn.edu) if you have grant proposals, projects, or other matters you'd like to discuss during our WIP meetings for these dates.

Featured Publications

Transforming mental health care delivery through implementation science and behavioral economics. *JAMA Psychiatry*. Jun 2021. Beidas RS, Buttenheim AM, Mandell DS.

Implementing automated prognostic models to inform palliative care: More than just the algorithm. *BMJ Quality & Safety*. May 2021. Bange EM, Courtright KR, Parikh RB.

Matched emotional supports in health care (MESH) framework: A stepped care model for health care workers. *Families, Systems, & Health*. May 2021. Price J, Becker-Haimes EM, Benjamin Wolk C.

Approaches to promoting linkage to and retention in HIV care in the United States: A scoping review. *Current HIV/AIDS Reports*. May 2021. Bauermeister JA, Bonett S, Rosengren AL, Choi SK, Watson D.

Adapting Safety Check as a universal suicide prevention strategy in pediatric primary care. *Academic Pediatrics*. Apr 2021. Davis M, Johnson C, Pettit AR, Barkin S, Hoffman BD, Jager-Hyman S, King CA, Lieberman A, Massey L, Rivara FP, Sigel E, Walton M, Wolk CB, Beidas RS.

Scale up mHealth HIV interventions: Site and public health perspectives and lessons learned from P3. *mHealth*. Apr 2021. Paul ME, Castillo M, Emmanuel P, Bauermeister JA, Mena LA, Sullivan PS, Hightow-Weidman LB.

Lessons from Maslow: Prioritizing funding to improve the quality of community mental health and substance use services. *Psychiatric Services*. Apr 2021. Stewart RE, Mandell DS, Beidas RS.

Spotlight on PISCE@LDI Member



Florence Marie Momplaisir, MD, MSHP, FACP

Dr. Momplaisir is an Assistant Professor at Penn's Perelman School of Medicine and a Co-Director of the Penn Center for AIDS Research (CFAR) Implementation Science in Philadelphia for Ending the HIV Epidemic Research (ISPHERE) Scientific Working Group (SWG). We are very excited to spotlight Dr. Momplaisir as the PISCE@LDI member of the month for June. In the following conversation with Dr. Momplaisir, we learn more about her background and interests within implementation science.

PISCE@LDI: Please tell us a little bit about yourself.

Dr. Momplaisir:

PISCE@LDI: How did you become interested in implementation science?

Dr. Momplaisir:

PISCE@LDI: What excites you most about pursuing a research agenda in implementation science?

Dr. Momplaisir:

Newly Funded Grants with an Implementation Science Focus



Validation of a causal model of implementation

Dr. Emily Becker-Haimes received an R01 award to test the generalizability of a conceptual model that posits the causal relationship among variables from organizational and social psychology to predict clinician evidence-based practice (EBP) use. Broadly, the model proposes that organizational factors like climate and culture influence attitudes, norms and self-efficacy, while other organizational factors like workload, resources and organizational friction moderate the pathway between intentions and the use of an EBP. This project builds off the work of Dr. Becker-Haimes and

colleagues' recently completed NIMH-funded R21, which demonstrated that this model accounted for up to 75% of variance in implementation of three EBPs in community settings. This R01 will test the generalizability of the causal model in a much larger sample from a new group of practitioners, for a different and more widely-used EBP, cognitive-behavioral therapy (CBT). Successful completion would further validate the model, advancing our understanding of the causal pathways in EBP implementation. Results will inform the development of implementation strategies that target modifiable factors explaining substantial variance in intention and in implementation that can be applied broadly across EBPs.

Funding Opportunities

National Heart, Lung, and Blood Institute's (NHLBI) Notice of Special Interest (NOSI): Behavioral Economics for Implementation Research (BEIR) to improve use of Evidence-Based Practices for HLBS conditions, NOT-HL-21-010

Purpose: This Notice of Special Interest (NOSI) is intended to stimulate the use of behavioral economics strategies for implementation research (BEIR) in order to develop more effective strategies for implementation of evidence-based practices (EBP) to address heart, lung, blood, and sleep (HLBS) conditions. NHLBI encourages applications that recognize the importance of cultural context, patterns of behavior change, and motivators for change across decision-making levels, including individuals (e.g., patients, parents, clinicians, others), groups, healthcare systems and/or communities. Applications that focus on the use of behavioral economics to develop implementation strategies for user-driven, sustainable interventions that may be simplified and minimally disruptive when possible are encouraged. Applications may propose either a clinical trial or non-clinical trial design, as appropriate to the research objectives.

For more about this funding opportunity, [click here](#).

Training Opportunities and Conferences

14th Annual Conference on the Science of Dissemination and Implementation in Health

2021 Conference Theme: Broadening Horizons for Impact: Incorporating Multisectoral Approaches into D&I Science

Dates: December 14-16, 2021 | **Location:** Virtual

In 2020, more than 1,500 individuals convened online for the first-ever virtual Annual Conference on the Science of Dissemination and Implementation in Health. Recognizing the importance of this event for the growing D&I community, both AcademyHealth and the National Institutes of Health are convening the community virtually this December.

This year's theme will highlight the importance of incorporating within studies attention to the diverse contexts and stakeholders not only within health and health care but across sectors which have implications on health.

To submit an abstract, [click here](#). Abstracts are due July 27, 2021.

We hope to see many of our PISCE@LDI colleagues at the D&I conference this year!

TIDIRC OpenAccess

The National Cancer Institute's Training Institute for Dissemination and Implementation Research in Cancer (TIDIRC) has launched new OpenAccess online modules for 2021. TIDIRC OpenAccess makes the training materials used in the TIDIRC Facilitated Course open to the public.

These modules are free, online training materials that introduce fundamental terms, concepts, and principles of dissemination and implementation (D&I) research, along with examples of their application and exercises to help participants advance their own project ideas.

PISCE@LDI's Director of Acute Care Implementation Research, Dr. Meghan Lane-Fall, teaches Module 2: Implementation Science Theories, Models, and Frameworks and Dr. Beidas is core faculty. Check out the online modules [here](#).

Job Opportunities

Assistant or Associate Professor in the Department of Surgery, Medical College of Wisconsin

The Department of Surgery at the Medical College of Wisconsin (MCW) seeks faculty candidates at the Assistant or Associate Professor level who specialize in the science of dissemination and implementation (D&I) to join its faculty. The position is joint with MCW's Collaborative for Healthcare Delivery Science (CHDS). Successful candidates will have specialized training on theories, models, and frameworks for understanding how best to ensure that evidence-based strategies aimed at improving health and preventing disease are effectively delivered in clinical practice or the policy arena. Candidates will have protected time to develop an externally funded research program in implementation and dissemination science.

Requirements:

Successful candidates will have a doctoral degree (PhD, MD/PhD, or MD) with a strong implementation/dissemination science background. Candidates should have experience with implementation science applied to health care and/or health behavior, have demonstrated scholarship in the field of dissemination science, and have a track record of interdisciplinary work. Excellent written and oral communication skills are also essential.

Medical College of Wisconsin

The Medical College of Wisconsin (MCW) is a private, freestanding academic medical center dedicated to leadership and excellence in patient care, research, education, and community service. MCW stands as the heart of the Milwaukee Regional Medical Center, a modern and continually expanding campus. As the largest medical school in the state of Wisconsin, MCW has over 1,400 students enrolled in educational programs, including over 900 medical students. MCW offers MD, PhD, MS, MPH, and MA degrees. MCW employs more than 1,800 full-time and part-time faculty, in addition to more than 3,375 full-time staff, 400 part-time staff, and 460 project and limited-term employees. MCW faculty supervise approximately 700 physicians in residency training and 190 physicians in fellowship training through the MCW affiliated hospitals.

In the most recent fiscal year, MCW faculty received approximately \$254 million in external support for research, teaching, training, and related purposes, including \$123 million in NIH funding, which places MCW in the top third in NIH support of all United States medical schools. MCW faculty currently direct or collaborate on more than 3,100 research studies. MCW faculty staff several Milwaukee hospitals including Children's Wisconsin, Froedtert Hospital, and Zablocki Veteran Affairs Hospital, and numerous primary care and specialty clinics, in addition to hospitals throughout the state of Wisconsin. Each year MCW physicians, physician assistants, nurse practitioners, and psychologists care for more than 540,000 patients, representing more than 2.6 million patient visits annually.

MCW Department of Surgery

Led by Douglas B. Evans, MD, Professor and Chair, the Department of Surgery is comprised of 12 divisions including nine clinical divisions, a Division of Education, a Division of Research, and a Division of Community Surgery. The Department includes 106 members, of which 9 are basic science faculty and 97 are clinical faculty who belong to pediatric and adult clinical programs with regional affiliations and practice locations both within and outside the metro Milwaukee area. Surgery faculty members perform approximately 15,000 surgical procedures and greater than 95,000 patient procedures/visits annually. 61 trainees participate in the department's training programs, which include a residency program and eight fellowship programs.

MCW Center for Advancing Population Science (CAPS)

CAPS is a research center aimed at investigating innovative strategies for transforming healthcare in a way that optimizes quality, value, and cost. The mission of CAPS is to conduct cutting-edge health services research focused on patient outcomes. CAPS is an interdisciplinary group of over 40 faculty health services researchers and associated staff collaborating in a diverse array of subject areas and in a contiguous space that fosters scholarly discourse and productivity. CAPS facilitates a supportive environment for MCW investigators developing externally funded research programs, determines the need for and recruits new faculty in targeted methodologic areas, and provides a seminar series to enhance collaboration and provide an opportunity to discuss works in progress. CAPS provides expertise in research design and statistical analysis, as well as in the acquisition and management of databases from various sources. Expertise is also available in the areas of health economics, psychometrics, and survey instrument design. CAPS collaborates with the Division of Biostatistics, which supplies access to statistical software packages, graduate students, and biostatisticians with a wide variety of expertise.

MCW Collaborative for Healthcare Delivery Science (CHDS)

Located within CAPS and funded by the Advancing a Healthier Wisconsin Endowment, the CHDS is a partnership between healthcare leaders and researchers seeking to improve the way that healthcare is provided. CHDS was created in 2017 to advance the science of improving healthcare for populations of patients across our region and beyond. Its overarching goal is to improve the value delivered to patients through the intersection of healthcare operations, improvement methodology, and health service research. Faculty and staff from clinical medicine, economics, quality improvement, patient safety, epidemiology, clinical informatics, clinical innovation, infection control, health policy, and health services research have come together with the support of the Advancing a Healthier Wisconsin Endowment to study and improve care delivery. Challenges are taken from the clinical front lines and interventions are co-designed with researchers experienced in implementation science, health services research, economics, and informatics. Along with an implementation and evaluation plan, findings are then disseminated with partners through academic publications, white papers, and industry presentations.

To learn more about this position, [click here](#).

Open Faculty Positions in Implementation Science, Winthrop P. Rockefeller Cancer Institute & University of Arkansas for Medical Science Center for Implementation Research

The Winthrop P. Rockefeller Cancer Institute, in conjunction with the UAMS Center for Implementation Research, seeks community-engaged researchers to join its exemplary team of investigators with expertise in implementation science. Recruitment is for tenured and tenure-track faculty at all ranks. This recruiting effort is made possible through significant institutional support and an annual commitment from the state of Arkansas to support the Cancer Institute's efforts to attain NCI Designation. The Winthrop P. Rockefeller Cancer Institute has been one of the nation's premier cancer centers for more than three decades, and it is the only cancer center in the state of Arkansas with a robust cancer research portfolio and a mission to improve cancer outcomes for all Arkansans. The Cancer Institute treats over 2,500 new cancer patients annually and has an extensive effort focused on delivering cancer care and conducting research in underserved populations. Its 135 members conduct outstanding cancer research in multiple scientific programs. Cancer Institute members receive approximately \$10 million in extramural cancer research funds annually, including multiple "team science" grants. The Cancer Institute has 5 institutional shared resource facilities. A robust clinical trial

infrastructure currently supports nearly 270 cancer clinical trials. The University of Arkansas for Medical Sciences is one of 57 institutions with an NIH Clinical and Translational Science Award, which supports translational research and creates a supportive environment that synergizes with the Cancer Institute to promote junior investigators and transdisciplinary research.

The UAMS Center for Implementation Research (CIR), in partnership with the UAMS Translation Research Institute (funded by the NIH Clinical and Translation Science Award), is a nationally recognized, extramurally funded program with a dual focus on developing generalizable knowledge from research and conducting demonstration projects in high priority implementation areas. In addition, the CIR has a strong focus on education, training, and mentoring in implementation science. The CIR is committed to growing the portfolio of NCI-funded implementation research at UAMS.

About the University of Arkansas for Medical Sciences: UAMS was established in 1879 and is a part of the University of Arkansas System. The University includes the Fay W. Boozman College of Public Health and the Colleges of Medicine, Nursing, Pharmacy, and Health Professions, as well as the Graduate School and UAMS Medical Center. The UAMS main campus includes: the Winthrop P. Rockefeller Cancer Institute; the Myeloma Institute for Research and Therapy; the Harvey & Bernice Jones Eye Institute; the Pat & Willard Walker Eye Research Center; the Psychiatric Research Institute; the Jackson T. Stephens Spine & Neurosciences Institute; the Donald W. Reynolds Institute on Aging; and the Translational Research Institute. Clinical excellence, scientific translation, and practical applicability are found in abundance at UAMS. Faculty enjoy close collaboration among colleagues from the seven research institutes, eight regional clinical centers across the state, the Central Arkansas Veterans Healthcare System, and Arkansas Children's Hospital. Research interests align via the Translational Research Institute, founded in 2011 following their initial Clinical and Translational Science Award in 2009. UAMS Bioventures facilitates commercialization of inventions and services developed by UAMS researchers to benefit public health.

Applicants should send their Curriculum Vitae, a one page letter of interest, and 3 professional references directly to Jennifer Moulton at jamoulton@uams.edu. Application deadline is August 1, 2021. Review of applications will continue until all positions are filled. Applicants must have a PhD, MD, MD/PhD, PharmD, DrPh or equivalent. Selected applicants will join a diverse and vibrant academic community that values its researchers and is committed to diversity, equity and inclusion. Applicants must be able to work in a team environment.

Open-Rank Professor, Institute for Public Health and Medicine, Northwestern University Feinberg School of Medicine

The Institute for Public Health and Medicine at the Northwestern University Feinberg School of Medicine is leading a search for a full-time tenure track Investigator at the rank of assistant professor, associate professor, or professor. The candidate will join a rich, collaborative environment with clinicians and other scientists in the Feinberg School of Medicine and will affiliate with the Institute for Public Health and Medicine and the Center for Prevention Implementation Methodology (Ce-PIM). The faculty appointment will be in the Feinberg School of Medicine in an academic department appropriate given the background and experience of the finalist. Responsibilities include leading a specialty area of research in implementation science and methodology, developing and leading a strategic plan to expand the breadth and depth of implementation science investigation at the Feinberg School of Medicine, building collaborations to integrate implementation science into all stages of health research, and

advancing the knowledge of implementation science both locally and nationally. Qualified candidates will have an MD or PhD, exceptional training, and a track record of funded research and scholarship in implementation science, as well as expertise in building partnerships and collaborations with health systems, communities and other organizations. The start date is negotiable and the position will remain open until filled. Salary will be commensurate with experience. When applying, please upload a CV and cover letter describing your interest and alignment with the position. Also upload this completed list of references form to suggest the names of individuals who could write letters of reference on your behalf.

Applications accepted here: <https://facultyrecruiting.northwestern.edu/apply/MTA2MA==>

Northwestern University is an Equal Opportunity, Affirmative Action Employer of all protected classes, including veterans and individuals with disabilities. Women, racial and ethnic minorities, individuals with disabilities, and veterans are encouraged to apply. Hiring is contingent upon eligibility to work in the United States.

Director, Mongan Institute Implementation Research and Training Program, Implementation Scientist Faculty Appointment at Massachusetts General Hospital (MGH); (Assistant or Associate Professor)

Description:

The Mongan Institute at MGH seeks an experienced Implementation Scientist at the advanced assistant professor or associate professor level to lead the growth of a cross-institute implementation research and training program with a focus on complex conditions and health equity. The Mongan Institute is an innovative transdisciplinary research institute at MGH consisting of 13 centers and programs spanning data science to delivery science with over 115 faculty, over 30 research fellows, as well as medical student and undergraduate trainees (for details see <https://www.monganinstitute.org/>). The Implementation Research and Training program will directly contribute to the Mongan Institute mission dedicated to achieving health equity (<https://www.monganinstitute.org/equity>) and improving the lives of people with complex health needs through research and training in population and health care delivery team science.

Principal Duties and Responsibilities:

The Director of the Mongan Institute Implementation Research and Training Program will actively engage with the Mongan Institute centers and programs, as well as partner with research programs and disciplines across the Department of Medicine, and other MGH departments. This position will work closely with the Director of the Mongan Institute to grow, lead, and coordinate an innovative and robust implementation research and training program. Core activities and responsibilities will include: coordination and oversight of Mongan's implementation research training program; development and coordination of an implementation research methods consultation program; and to further develop the Mongan Institute's implementation research portfolio through externally funded implementation research proposals as a principal investigator and/or co-investigator. This position will be based within the Mongan Institute in the Department of Medicine with the potential for an additional clinical department appointment as appropriate. Additional opportunities include consulting and collaborating with faculty across other MGH clinical departments; as well as contributing to implementation research seminars and collaborations with colleagues at the Harvard T.H. Chan School of Public Health.

Skills and Experience Required:

A clinical or research terminal degree (e.g. PhD, MD); 4 or more years of experience following training; peer-reviewed articles in the field of implementation research; and excellent communication, organizational, teaching and collaborative research skills are required. Experience as a funded NIH implementation research investigator; experience providing research training and/or mentoring in implementation research; and experience reviewing grants as a member of an NIH study section is also required. The optimal candidate will have experience in implementation research pertaining to complex health conditions and advancing health equity. Prior experience developing and leading a research training and consultation program is highly desirable.

Please find the application for this position at: <https://www.monganinstitute.org/jobs>.

Specific inquiries for additional information may be directed to Dr. Stephen Bartels, Director, the Mongan Institute, at sjbartels@mgh.harvard.edu.