

INJURY CONTROL COBRE NEWSLETTER

- * New Pilot Project Leader
- * Funding Opportunity
- * RPP and ICDI Core Updates
- * Upcoming Events

Injury Control COBRE Welcomes New Pilot Project Leader: Sarah Keene, MD "Predicting Clinical Outcomes in Older Adults with Rib Fractures"



Sarah Keene, MD, is an emergency medicine physician specializing in geriatric care and an assistant professor at the Warren Alpert School of Medicine. She is renowned for her expertise in managing complex injuries in older adults. Her research focuses on predicting clinical outcomes in older adults with rib fractures, aiming to address the challenges in managing such injuries and reducing associated morbidity and mortality rates while optimizing healthcare resource utilization.

Dr. Keene's study will investigate the clinical trajectories of older adults presenting with rib fractures at a regional level I trauma center, aiming to identify key patient characteristics, injury mechanisms, and physiological markers correlating with adverse clinical outcomes. She plans to characterize the patient population and explore relationships between injury severity, physiological parameters, and adverse events.

The ultimate goal of Dr. Keene's pilot project is to develop a robust risk-stratification tool capable of accurately predicting which older adults with rib fractures are at high risk of developing complications necessitating intensive care, revolutionizing clinical decision-making, and optimizing resource allocation. She anticipates validating the tool and evaluating its feasibility among Emergency Medicine physicians and trauma surgeons, aiming to improve outcomes and set new standards in geriatric trauma management through dedication and innovation.

Funding Opportunity Pilot Project Leaders and Research Project Leaders

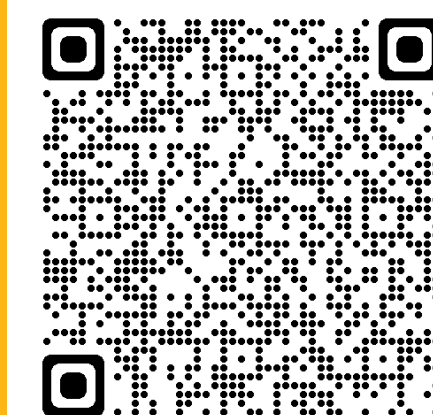
The Rhode Island Hospital (RIH) Injury Control COBRE is pleased to announce two funding opportunities. Applicants must be investigators with Rhode Island faculty appointments (residents and fellows are not eligible).

- 1. Pilot project proposals:** Applicants must be from Rhode Island based affiliates. Pilot studies will last up to 2 years with a total budget of up to \$50,000. Four pilot studies will be funded annually.
- 2. Research project proposals:** Applicants must hold a faculty-equivalent position at the time of funding and be eligible for NIH funding but not yet have received R01-level funding or the equivalent or have concurrent funding from another IDeA program (e.g., other COBREs, Advance CTR funding).

[More Info and Apply Here](#)

Research to Practice and Policy (RPP) Core Update

The Injury Control Research to Practice and Policy Core is excited to have you join us for the last two sessions of the Causal Inference Seminar Series.



[Click Here to Register](#)

April 11th 1-2pm

Jason Gantenberg, PhD

*Research Scientist
Assistant Professor (Practice)
Brown University School of
Public Health*

Emulating Target Trials to Improve Causal Inference from Observational Data

This lecture will you understand how specifying hypothetical ideal trials can help investigators 1) to clarify their causal questions, 2) to avoid common study design errors that lead to bias, and 3) to suggest analytic approaches that explicitly emulate characteristics of the ideal trial.



“Natural Experiments” in Injury Prevention Research

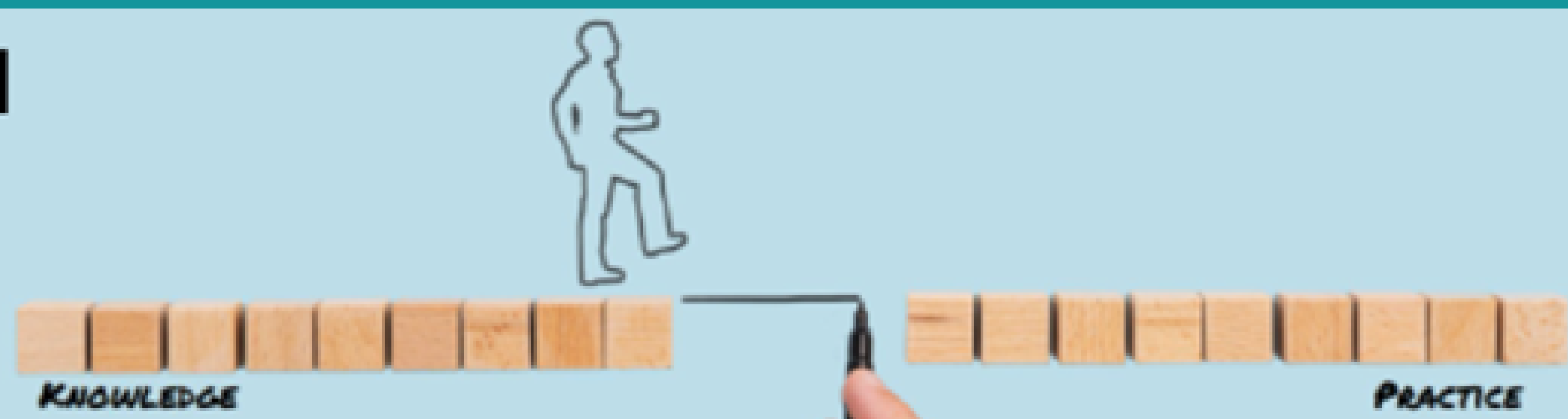
This lecture will define a “natural experiment” and describe common sources of natural experiments, explain how natural experiments can overcome common sources of bias in observational research. Justify the assumptions required for valid causal inference in common study designs based on natural experiments.

May 9th 1-2pm

Nina R. Joyce, PhD

*Assistant Professor of
Epidemiology
Brown University*

IMPLEMENTATION SCIENCE BOOTCAMP



July 10-12, 2024 in Providence, Rhode Island

Join us for our 3-day Implementation Science Bootcamp to learn the skills and tools needed to increase the adoption of evidence-based practices, treatments, and interventions in clinical and community-based settings. Attendees have the opportunity to engage with implementation scientists on everything from foundational theories to practical application of a personal project.

[Click Here
for More
Information](#)

Injury Control Digital Innovation (ICDI) Core Update

Consultation Hours

Join our ICDI Core faculty for Zoom consultation hours on the second Monday of every month from 12 to 1 p.m. Our team is experienced in a variety of areas, including technical expertise, design and evaluation, clinical intervention research, privacy, security, ethics, diversity, equity, and inclusion, as well as deployment strategy for digital health interventions. Don't hesitate to reach out and we'll be happy to assist you!

Digital Core Zoom Office Hour
Second Monday of the Month at 12pm



Friday, May 31

10:00am

**Rhode Island Hospital
George Auditorium**

Mobile sensing in clinical assessment and treatment: Applications to youth suicide and depression

Nick Allen, PhD
CEO, Ksana Health
Director, University of Oregon Center for Digital Mental Health



Click Here or Scan the QR Code to RSVP



Center for Digital Health

A partnership of Lifespan and The Warren Alpert Medical School of Brown University



Upcoming Events

9th National IDeA Symposium of Biomedical Research Excellence (NISBRE) June 16-19, 2024 Washington Hilton, Washington DC

Important Dates

Abstract submission deadline:

- Abstract submission for Oral Presentations (Short Research Presentations & Flash-Talks) are due **March 22, 2024**.
- Abstract submission for Poster Presentations are due **April 05, 2024**.
- Nominations for NISBRE awards are due **April 15, 2024**.
- Registration is open until **April 15, 2024**.

[Click Here
to Register](#)

Forging New Frontiers:

ENGINEERING FOR EQUITY

The 29th Annual Conference of the
Injury Free Coalition for Kids

December 6-8, 2024
Embassy Suites by Hilton
Ft. Lauderdale, Florida



Injury Free coalition
for Kids®

[Click Here
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For more information, please contact Julie Bromberg at jbromberg@lifespan.org