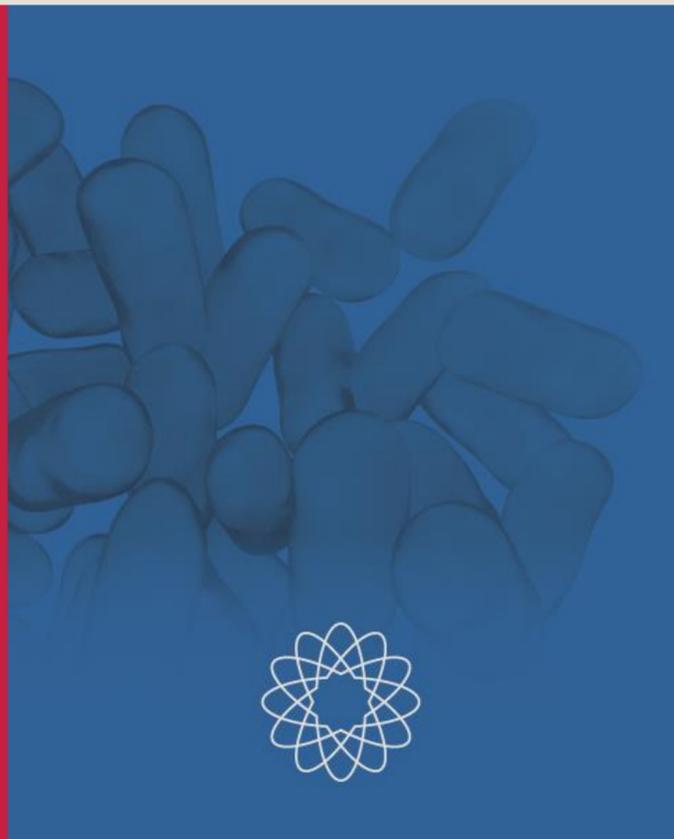
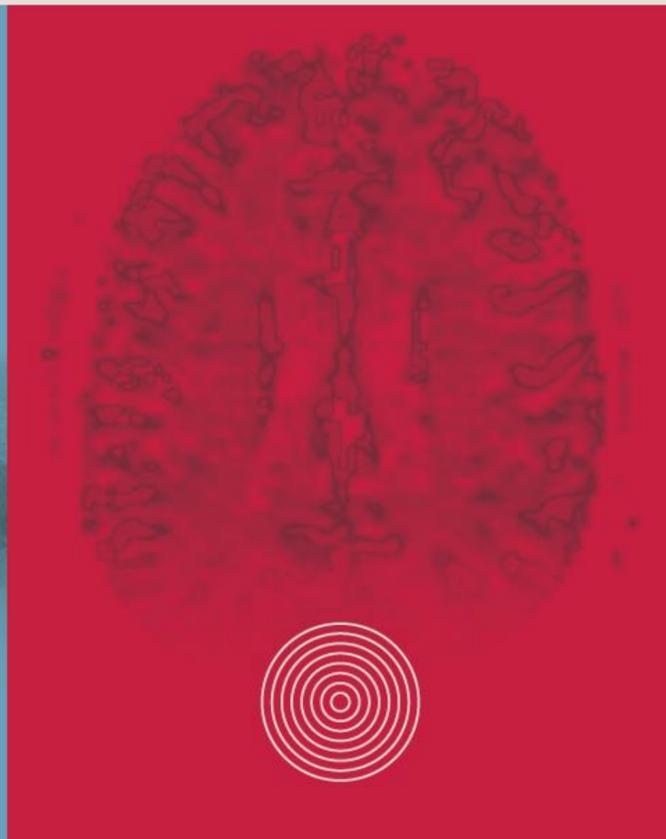
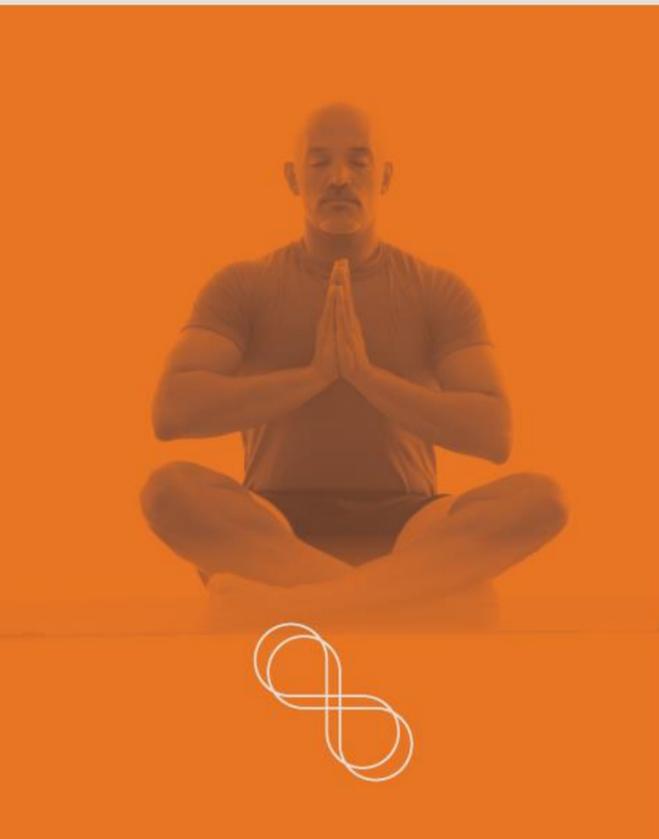




Approaches to Pain Management: NCCIH-focused Research Highlights

David Shurtleff, PhD
NCCIH



Proposed HEAL Pipeline of Pain Programs

Discovery

Preclinical Development

Clinical Trials

**Implementation and
Dissemination**

Acute to Chronic Pain Signatures

**Discover and Validate Novel Targets for Safe and
Effective Pain Treatment**

**Preclinical Screening Platforms for Pain
(human cells and animals)**

**Development of Non-addictive Therapies
to Treat Pain**

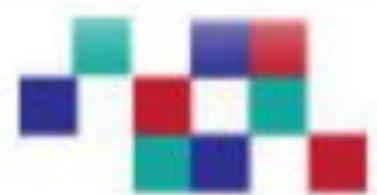
**Discovery and Validation of Biomarkers, Biomarker Signatures, and Endpoints for
Pain Indications**

Data and Asset Sharing Partnership

**Early Phase Pain Investigation Clinical
Network (EPPIC) includes BACPAC**

**Effectiveness Research Network
(ERN)**

**Pragmatic and Implementation Studies for the
Management of Pain (PRISM)**



NIH Collaboratory

Rethinking Clinical Trials®

Health Care Systems Research Collaboratory

Est. 2012

NIH Collaboratory Living Textbook

Strengthen the national capacity to implement cost-effective large-scale research studies that engage healthcare delivery organizations as research partners.

<http://rethinkingclinicaltrials.org/>



New NCCIH HEAL Concepts Under Consideration

Pragmatic and implementation studies for the management of pain to reduce opioid prescribing (PRISM)

- Studies must be embedded in health care systems
- A coordinating center will assist project trials to improve rigor and achieve the project milestones
- Projects can propose to focus on:
 - System changes to improve adherence to evidence-based guidelines for pain management
 - Integration of evidence-based approaches for pain management into health care delivery
 - Some trials that will inform CMS health care policy about coverage decisions



Notice of Intent to Publish a Funding Opportunity Announcement for Pragmatic and Implementation Studies for the Management of Pain to Reduce Opioid Prescribing (PRISM) (UG3/UH3, Clinical Trials Optional)

Notice Number: NOT-AT-19-004

Key Dates

Release Date: November 02, 2018

Estimated Publication Date of Funding Opportunity Announcement: December 08, 2018

First Estimated Application Due Date: February 08, 2019

Earliest Estimated Award Date: September 01, 2019

Earliest Estimated Start Date: September 20, 2019

Notice of Intent to Publish a Funding Opportunity Announcement for Pragmatic Randomized Controlled Trial of Acupuncture for Management of Chronic Low Back Pain in Older Adults (UG3/UH3, Clinical Trial Required)

Notice Number: NOT-AT-19-005

Key Dates

Release Date: November 02, 2018

Estimated Publication Date of Funding Opportunity Announcement: December 08, 2018

First Estimated Application Due Date: February 15, 2019

Earliest Estimated Award Date: September 01, 2019

Earliest Estimated Start Date: September 20, 2019



NIH-DoD-VA Pain Management Collaboratory (PMC)

- Conduct large-scale “pain management” research (i.e. pragmatic clinical trials) in military and veteran health care delivery organizations
- Support the design and execution of high-impact Demonstration Projects (Currently 11 in planning phase)
- Build in implementation-methods during execution phase
- Make data, tools, best practices, and resources available to facilitate future similar research



Pain Management Collaboratory Coordinating Center (PMC³)

Robert Kerns, Cynthia Brandt, and Peter Peduzzi Yale University and Connecticut VA

- Works with Demonstration Project teams to develop, initiate and implement a research protocol;
- Coordinates and convenes Steering Committee of all PIs and federal partner representatives;
- Support Demonstration Projects via PMC work groups;
- Disseminate best research practices and within military and veteran health care systems



NICCH Clinical Research Funding Opportunities Across the Continuum

