The NIH Pain Consortium
1996 - the future
Nora D. Volkow, MD
Director, National Institute on Drug Abuse

Emily Dickinson on pain
"It has no future but itself"

http://painconsortium.nih.gov/
The NIH Pain Consortium

Mission

- To enhance pain research and promote collaboration among researchers across the NIH Institutes and Centers that have programs and activities addressing pain

Leadership

- Dr. Story Landis, Director NINDS, Pain Consortium Chair
- Dr. Josephine Briggs, Director NCCAM
- Dr. Patricia A. Grady, Director NINR
- Dr. Martha Somerman, Director NIDCR
- Dr. Nora Volkow, Director NIDA

Office of Pain Policy Staff

- Dr. Linda Porter, Pain Policy Advisor
- Dr. Cheryse Sankar, Pain Policy Analyst
- Dr. Tara Schwetz, Pain Policy Analyst
The NIH Funding Levels for Pain Research: Chronic Conditions

<table>
<thead>
<tr>
<th>Year</th>
<th>Funding in Millions</th>
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</thead>
<tbody>
<tr>
<td>2008</td>
<td>279</td>
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<td>396</td>
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<td>2013</td>
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Highlights of Current Consortium Activities:

- Development of Clinical Research Resources
  - Chronic Low Back Pain Research Task Force
  - Stanford Pain Registry

- Training and Educational Tools
  - Centers of Excellence for Pain Education (CoEPEs)

- Research and Discovery
  - IPRP Database
  - Opioids and Chronic Pain Workshop
Purpose
Address the problem of inconsistent terminology, case definitions, and outcome measures in clinical research on chronic low-back pain (cLBP).

Goals
Creation of standards for terminology, classification, data collection, and outcome measures.

Outcomes
Definition of chronic LBP
- Sub-classification scheme for cLBP by impact & prognosis
- Minimum dataset (based on NINDS Common Data Elements)

The NIH Pain Consortium & Stanford University Pain Registry

- Health Electronic Registry of Outcomes (HERO)
- Open source centralized registry for self-reported outcomes of chronic pain sufferers over time
- Data is free for research (outcomes, CE research, and decision making)
- Data definitions and standards are being developed in conjunction with the NIH-funded Patient Reported Outcomes Measurement Information System

PROMIS
Dynamic Tools to Measure Health Outcomes from the Patient Perspective

Stanford Medicine Systems Neuroscience and Pain Lab
NIH funded Centers of Excellence in Pain Education (CoEPEs) to develop, evaluate, and distribute pain management curriculum resources for medical, nursing, dental, and pharmacy schools to enhance and improve how health care professionals are taught about pain and the treatment of pain.
Over 1200 Federal pain grants were categorized with the help of the NIH Pain Consortium. Launched yesterday! 
http://paindatabase.nih.gov/
Increases in Deaths Parallel Opioid Sales Increases and Prescription Opioid Treatment Admissions

Kilograms of opioids sold (per 10,000)  
Deaths due to opioid overdose (per 100,000)  
Admissions for opioid-abuse treatment (per 10,000)

The 2014 NIH Pathways to Prevention workshop on The Role of Opioids in the Treatment of Chronic Pain will seek to clarify:

- Long-term effectiveness of opioids for treating chronic pain
- Potential risks of opioid treatment in various patient populations
- Effects of different opioid management strategies on outcomes related to addiction, abuse, misuse, pain, and quality of life
- Effectiveness of risk mitigation strategies for opioid treatment
- Future research needs and priorities to improve the treatment of pain with opioids.

The NIH Pathways to Prevention Opioids and Chronic Pain Workshop

Pathways to Prevention Timeline


Evaluation Committee Vetting and Formation

Evaluation Committee Deliberation and Report

Pacific Evidence-Based Practice Center of Excellence Review and Report

NIH, FDA, CDC, SAMSA, OASH, AHRQ, Outside Gov’t Stakeholders

NIH and FDA

NIH Final Report

Opioids and Chronic Pain September 29-30, 2014 Pathways to Prevention
The NIH Pain Consortium Symposium

The 9th Annual NIH Pain Consortium Symposium
on Advances in Pain Research

Natcher Conference Center
May 28-29, 2014

Biological & Psychological Factors that Contribute to Chronic Pain

TRP Channels of the Pain Pathway: Connecting Physiology to Atomic Structure

David Julius, PhD
University of California, San Francisco