# CACPR AND CHRONIC PAIN: QUICK FACTS

## CHRONIC PAIN
- Pain that lasts longer than 6 months

## 100 MILLION+
- American adults suffer from chronic pain

## 6 OUT OF 10
- Patients experience pain that severely impacts quality of life

## 25.3 MILLION
- American adults suffer from daily pain

## $560–635 BILLION
- Is what chronic pain costs society each year

## CHRONIC PAIN IS:
- A major cause of missed work
- The most common cause of long-term disability
- Complex and unique to each person

## THE MOST COMMON TYPES OF CHRONIC PAIN:
- Lower back pain: 27%
- Severe headache: 15%
- Neck pain: 15%
- Facial ache: 4%

## CACPR:
- 50+ member scientists and trainees
- 4 annual symposia since 2015:
  - Genomics and Pain
  - Chronic Pain Management and Opioid Abuse: We Need a “Fix”
  - Chronic Overlapping Pain Conditions & Stress
  - How Precision Health Will Inform Pain Management

## RESEARCH AREAS:
- Chronic orofacial pain (TMD)
- Migraine
- Neuropathic pain
- Spinal cord injury pain
- Chemotherapy-induced neuropathic pain (CINP)
- Sickle cell pain
- Visceral pain

## RESEARCH THEMES:
- Personalized Medicine
  - Genomics and Pain
  - Neuroimaging and Pain
- Innovative Avenues for Pain Relief
  - Novel Pharmacological Targets
  - Nonpharmacological Approaches
- Pain Comorbidity
- Stress and Pain
- Endogenous Pain Modulation Procedures and Mechanisms
- Placebo/Nocebo Mechanisms and Applications
SELECTED GRANT PROJECTS:

Spinal Mechanisms Underlying Spinal Cord Injury-Induced Pain: Implications for Targeted Therapy
National Institute of Nursing Research: $3,853,302 | Dorsey, Wu, Faden (MPI) | 04/2012-06/2022

Physiological, Psychological, and Genomic Factors that Predict the Transition from Acute to Chronic Pain in Patients with Traumatic Lower Extremity Fracture
National Institute of Nursing Research: $3,073,811 | Renn, Dorsey, Griffieon (MPI) | 08/2018-05/2023

Primary Afferent Plasticity of Chronic Pain
National Institute of Dental and Craniofacial Research: $2,513,166 | Wei, Chung (MPI) | 01/2018-08/2023

Peripheral Receptor Mechanisms in Orofacial Muscle Pain
National Institute of Dental and Craniofacial Research: $1,834,690 | Ro | 04/2018-03/2023

DON’T TAKE OUR WORD FOR IT
Patients Describe Chronic Pain

“It made no sense to me that with all the modern miracles in medicine there was no way to relieve my pain. What I did not realize then was how complex chronic pain is. I did not know how many areas of my life and my family’s lives the pain invaded.” 1

“Thirteen years ago, I was rear-ended in a car accident. In a split second my whole life changed, and the accident left me handicapped with chronic pain in the neck, shoulders, and head. I was thrown into a world of medical decisions of which I knew nothing and began searching for information about cervical discs, facet joints, myofascial pain, referred pain, conservative and alternative treatments, and various medical procedures…” 2

“It feels like I am wearing paper mâché booties with my feet next to a raging fire.” 3

“Some days, I feel good enough to run a marathon. Other days, I can barely walk from the living room to the kitchen.” 4

“Even the lightest breeze can trigger bursts of electric pain throughout my body.” 5


3-5 personal communication

SOURCES


National Institutes of Health. Fact Sheet: Pain Management (June 30, 2018).