

Federal Pain Research Strategy (FPRS)

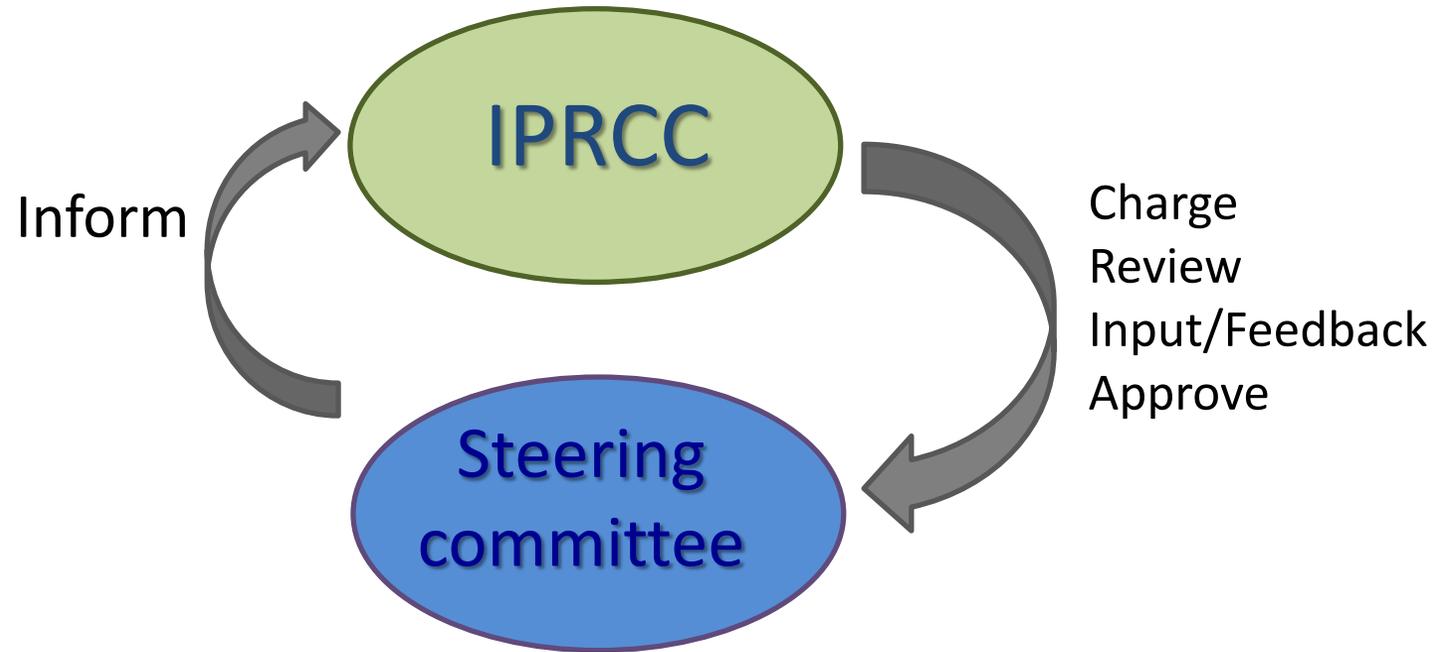
Fulfill the IPRCC mandate

1. Identify gaps in basic and clinical research on the symptoms and causes of pain.
2. Make recommendations to ensure that the activities of the NIH and other Federal agencies are free of unnecessary duplication of effort.

Complete the IOM recommendations on research

Develop an agenda for physiological, clinical, behavioral, psychological, outcomes and health services research and appropriate links across these domains.

FPRS: Organizational Structure



FPRS Steering Committee

Co-Chairs, Allan Basbaum, Ph.D., UCSF and Linda Porter, Ph.D., NIH

Ed Covington M.D., Cleveland Clinic

Alan Leshner, M.S., Ph.D, CEO Science Journals, Past Director NIDA

Robert Gereau, Ph.D., Washington University

Howard Fields, M.D., Ph.D., UCSF

Kathleen Foley, M.D., Sloan Kettering

Keela Herr PhD, RN. AGSF, FAAN, University of Iowa

Penny Mohr, M.A. PCORI

Srinavasa Raja, M.D. , Johns Hopkins University School of Medicine

Richard Payne, M.D. , M.P.H., Duke Divinity School, Duke University

Eric Schoomaker, M.D., Ph.D., USUHS, DoD

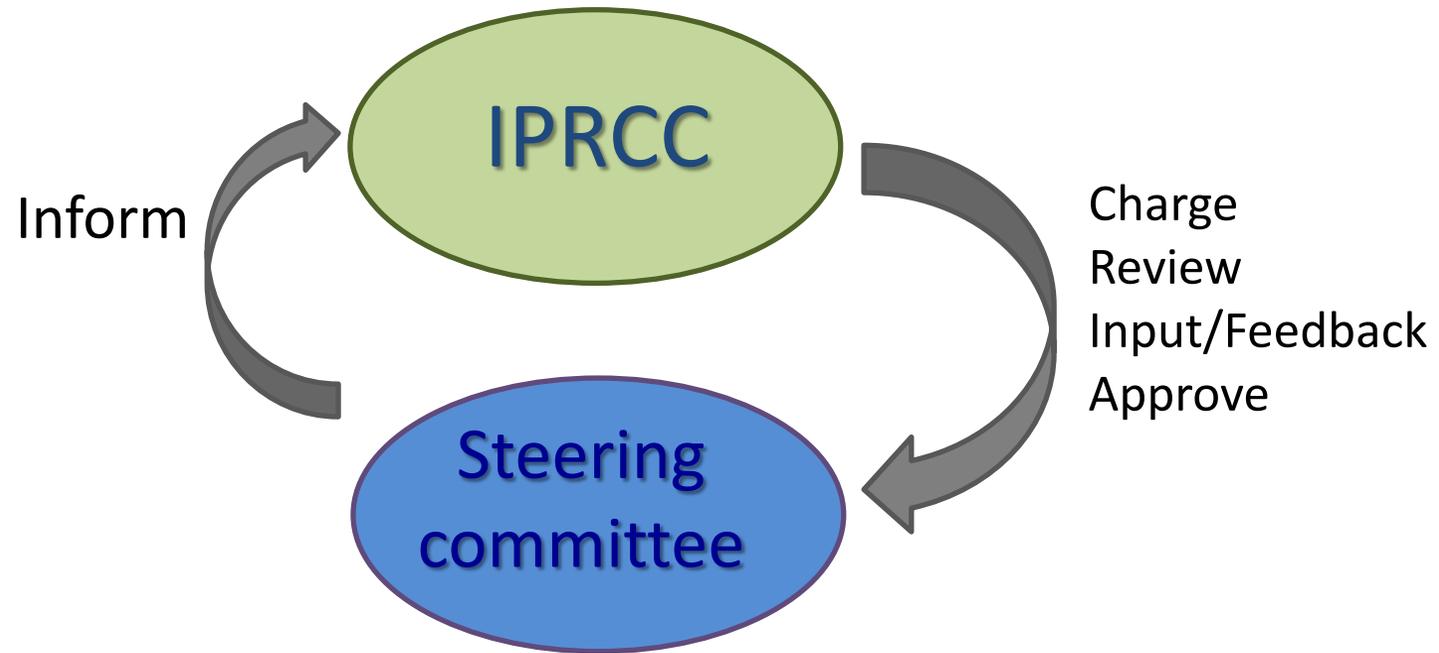
Ozzie Stewart, Ph.D., UC Irvine

Christin Veasley, B.SC. Chronic Pain Research Alliance

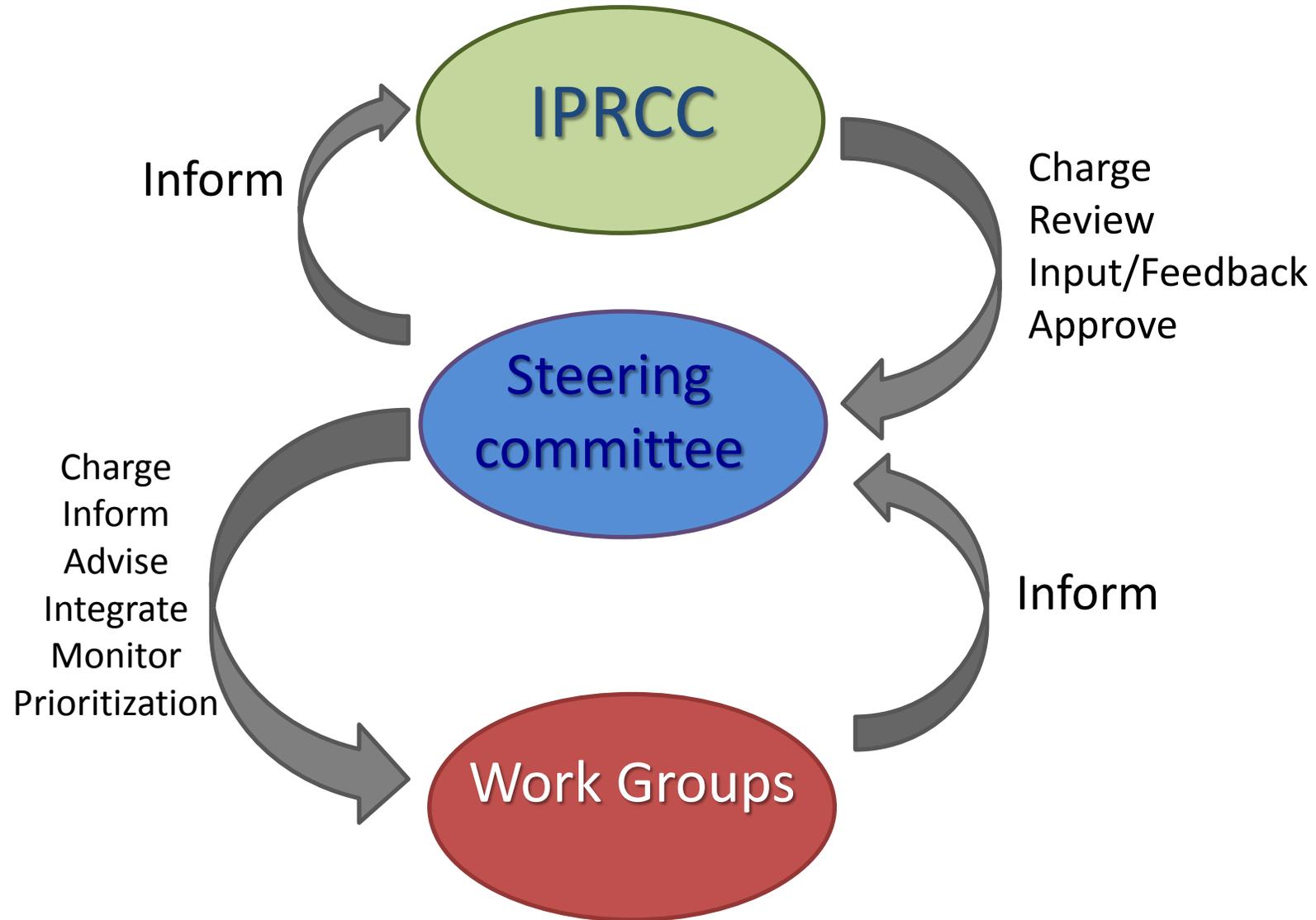
Clifford Woolf. M.D., Ph.D., Boston Childrens Hospital and Harvard

Loni Zeltzer, M.D., UCLA

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Work Groups (Based on the Continuum of Pain)

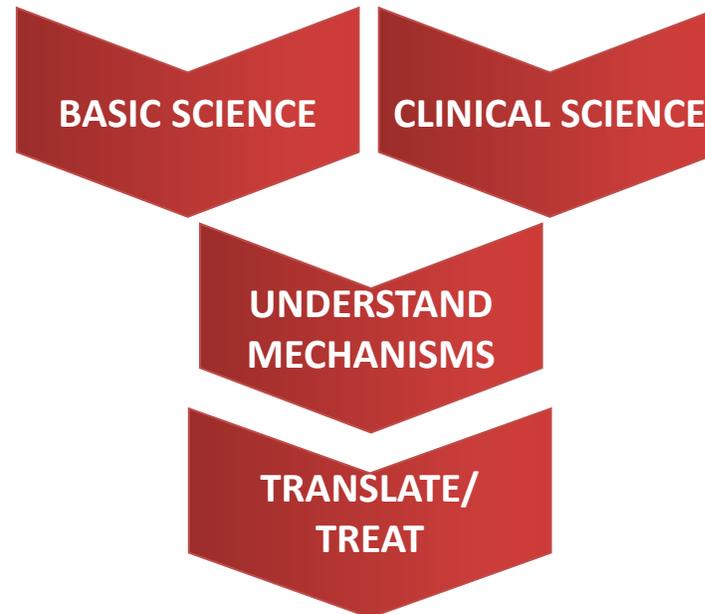
The **CONTINUUM of PAIN**: characterization of pain as a temporal process, beginning with an acute stage, which may progress to a chronic state of variable duration. Chronic pain may start early after injury or surgery, because of an individual's susceptibility, through mechanisms activated in the acute setting.



WHAT HAPPENS AND TO WHOM?

WHY AND HOW DOES IT HAPPEN?

HOW TO MANAGE?



Charge to the Work Groups

Review relevant cross cutting issues

Review public comments from the RFI

Synthesize an overview of current research

Describe state of the science and opportunities for advancement

Highlight overlap areas with other workgroups

Identify past hurdles to advancement and current research gaps

Identify advances from other fields that will provide opportunities

Consider relevant new technologies and approaches

Identify how research investments will improve fundamental understanding

Summarize opportunities to advance

Identify opportunities for federal agency collaboration

Identify opportunities for bench to bedside and bedside to bench

Make recommendations to advance the science

Work Group Co-Chairs

**PREVENTION OF
ACUTE &
CHRONIC PAIN**



David Reuben, M.D., UCLA

Chief of the Division of Geriatrics and a Professor of Medicine at UCLA.

Delivery of health services to older adults: measurement of functional status and predictors of survival and functional impairment.

Robert Gatchel, Ph.D., ABPP, University of Texas, Arlington

Professor, Chair, Dept Psychology; Director, Center of Excellence in the Study of Health and Chronic Illness

Interdisciplinary approach to chronic pain prevention; comorbidity of physical and mental health conditions.

**ACUTE PAIN AND
ACUTE PAIN
MANAGEMENT**



Ardem Patapoutian, Ph.D., Scripps Research Institute
HHMI Investigator and Professor of molecular and cellular neuroscience
Molecular basis of sensory neuron function;
characterization of touch and pain sensitive neurons.

Chris Miaskowski, R.N., Ph.D., FAAN, UCSF
Professor of Physiological Nursing, Former President American Pain Society
Adult-gerontology clinical nurse specialist; quality of life, cancer pain

**TRANSITION
FROM ACUTE TO
CHRONIC PAIN**



Robert Dworkin, Ph.D, University of Rochester Medical Center

Professor, Dept. Anesthesiology, Director, Analgesic, Anesthetic and Addiction
Clinical Trial Translations, Innovations, Opportunities and Networks (ACTTION)

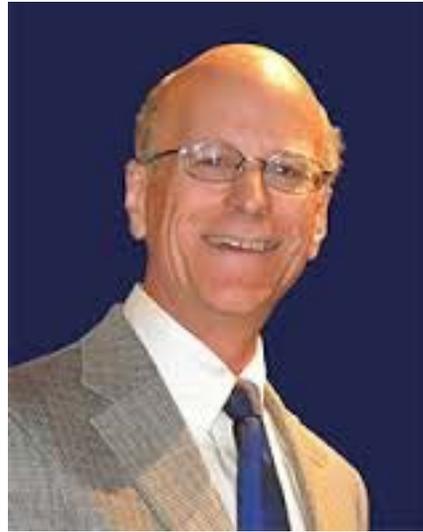
Methodological aspects of acute and chronic pain in clinical trials; identifying risk
factors for the development of chronic pain.

Ted Price, Ph.D., University of Texas, San Antonio

Associate Professor, School of Behavioral and Brain Sciences

Fundamental principles underlying pain plasticity in the peripheral and central
nervous system.

**CHRONIC PAIN
AND CHRONIC
PAIN
MANAGEMENT**



Seddon Savage, M.D., Dartmouth Medical School
Associate Professor and Director, Addiction Recovery and Education, Co-Chair, New
Hampshire Governor's Commission on Alcohol and other Drugs Opioid Task Force
Pain medicine and addiction.

Jim Eisenach, M.D., Wake Forest School of Medicine
Professor of Obstetrical and Gynecological Anesthesiology
Anesthesiology, immunology, men's and women's health issues and prevention of
pain from surgery and trauma.

DISPARITIES



Cheryl Stucky, Ph.D., Medical College of Wisconsin
Professor, Dept Cell Biology, Neurobiology and Anatomy
Cellular and molecular mechanisms of pain; focus on sickle cell pain and chronic pain in older adults.

Roger Fillingim, Ph.D., University of Florida, Gainesville
Distinguished Professor, College of Dentistry; Director, Pain Research and Intervention Center; former president American Pain Society.
Influence of sex/gender, race/ethnic group, age and genetic factors on pain and analgesic responses; mechanisms and clinical implications of these differences.

FPRS: Timeline

Nov
2015

Dec
2016

Monitor and guide

Submit
to
IPRCC

SC oversees
prioritization;
WG chairs
present and
vote

Select
work
group
co-
chairs

Charge
work
groups

Select work
group
members

Meet to share
portfolio
review and
overlap

Co-chairs
meet &
present
rec's

Submit
scored rec's
to SC

Refine cross
cutting
issues &
Review RFI

Review and
summarize
portfolio

Identify gaps, discoveries,
Opportunities & develop
1st recommendations

Revise and score
1st rec's

Steering committee

Work groups

Work Group co-chairs

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