Welcome and Opening Remarks  
Walter Koroshetz, MD | Director, NINDS | NIH Pain Consortium Executive Committee

Keynote Address - Pain Management in a Time of Dual Pandemics: Opportunities to Advance Health Equity  
Julie M. Fritz, PT, PhD, FAPTA | The University of Utah

Panel Session 1: The Impact of Social Determinants of Health on Chronic Pain and Pain Management  
Moderator: Laura Wandner, PhD | NINDS

The Unequal Burdens & Unheard Voices of Pain: Causes and Consequences  
Carmen R. Green, MD | University of Michigan, Ann Arbor

Discrimination as a Social Determinant of Pain  
Vani A. Mathur, PhD | Texas A&M University

Optimizing Pediatric Pain Management via Health Technology and Participatory Research Approaches  
Michelle Fortier, PhD | University of California, Irvine

Panel Session Q&A

Junior Investigator Session  
Moderators: Martha Matocha, PhD | NINR; Leah Pogorzala, PhD | NINDS  
Pre-recorded presentations from early career investigators  
Q&A

A Patient’s Perspective – LT Aaron Banas, PhD

Panel Session 2: The Impact of COVID19 and Co-morbidities on Chronic Pain and Pain Management  
Moderator: Inna Belfer, MD, PhD | NCCIH

The Social Impacts of COVID-19: Risks and Opportunities for Pain and Pain Management  
Claire Ashton-James, PhD | The University of Sydney
3:30 PM  Mindfulness-Oriented Recovery Enhancement Treats Comorbid Chronic Pain, Opioid Misuse, and Psychiatric Disorders by Targeting Hedonic Dysregulation  
Eric Garland, PhD, LCSW | The University of Utah

3:50 PM  Sleep Disruption, Pain, Inflammation and Positive Affect: Effect of Comorbidities on Pain with Reference to the 2020 COVID-19 Pandemic  
Michael T. Smith, PhD | Johns Hopkins University

4:10 PM  Panel Session Q&A

4:25 PM  Junior Investigator Session  
**Moderators:** Sue Marden, PhD | NICHD; Leah Pogorzala, PhD | NINDS
Pre-recorded presentations from early career investigators  
Q&A

5:10 PM  Adjourn

**DAY 2: May 25, 2021 | 11:00 AM to 3:15 PM ET**

11:00 AM  Introduction of Keynote Speaker  
DP Mohapatra, PhD | NINDS

11:10 AM  Keynote Address: Neural Mechanisms of Prosocial Behavior  
Robert C. Malenka, MD, PhD | Stanford University

11:50 AM  Junior Investigator Session  
**Moderators:** Devon Oskvig, PhD | NIA; Leah Pogorzala, PhD | NINDS
Pre-recorded presentations from early career investigators  
Q&A

12:25 PM  Mitchell Max Award Introduction  
Rena D'Souza, DDS, MS, PhD | Director, NIDCR

12:30 PM  Mitchell Max Awardee Presentation

12:45 PM  Break

1:15 PM  Panel Session 3: Interventions for Reducing Pain Health Disparities  
**Moderators:** Cheryse A. Sankar, PhD | NINDS; Yolanda Vallejo, PhD | NCATS

Perspective on Living with Chronic Pain  
Norma Guzman

Addressing Racial / Ethnic Disparities in the Management of Chronic Disease and Multimorbidity  
Ana Quinones, PhD | Oregon Health & Science University

Social Determinants of Health in American Indian Populations  
Donald Warne, MD, MPH | University of North Dakota

GOALS Program Design: Adapting Evidence-Based Interventions for Medically Underserved Populations With Chronic Pain  
Katrina Maluf, PT, PhD | San Diego State University
Cognitive Behavioral Pain Management Research: Increasing Access and Dissemination to Reduce Pain Disparities
Lisa Campbell, PhD | East Carolina University

How Understanding Pain Biology Could Facilitate Targeted Analgesics to Reduce Pain Management Disparities in Individuals Living With Sickle Cell Disease
Amanda Brandow, DO, MS | Medical College of Wisconsin

2:15 PM
Roundtable Discussion on Interventions to Reduce Pain Health Disparities

3:00 PM
Closing Remarks
David Shurtleff, PhD | Deputy Director, NCCIH

3:15 PM
Adjourn Symposium

3:30 PM
Networking Session

5:30 PM
Adjourn Networking Session