



## UM 2024 Pain Short Course

July 8<sup>th</sup> and July 9<sup>th</sup>  
4<sup>th</sup> Floor-Rackham Building  
University of Michigan, Ann Arbor, MI

### Monday, July 8<sup>th</sup> 2024

7:45am	<b>Shuttle from Residence Inn Downtown Ann Arbor to Rackham Building</b>	
8:00am-8:50am	<b>Registration &amp; Continental Breakfast</b> <i>Assembly Hall</i>	
8:50am-8:55am	<b>Welcome</b> <i>Rackham Amphitheatre</i>	Daniel Clauw, MD
8:55am-9:35am	<b>Keynote Address</b> Neurobiological Consequences of Childhood Maltreatment and Its Role in the Development of Pain and Psychopathology	Martin Teicher, MD, PhD
9:35am-10:25am	<b>Symposium: Trauma and Pain I</b>	
	War Hurts	Daniel Clauw, MD
	War and Pain: The Hidden Toll	Jacob Ablin, MD
10:25am-10:45am	<b>Coffee Break</b> <i>Assembly Hall</i>	
10:45am-11:35am	<b>Symposium: Trauma and Pain II</b>	
	Preventing Pain and Related Sequelae after Traumatic Stress	Sam McLean, MD, MPH
	The Painful Consequences of Early Life Stress	Julie Christianson, PhD
11:35am-12:45pm	<b>Panel Discussion: Trauma and Pain</b>	
	Introduction Moderator	Vitaliy Yunger, PhD, MBA Drew Sturgeon, PhD
	International Panelists	Olena Ibragimova, PhD Anastasia Popyk, MD Eti Ablin, PhD Maisa Ziadni, PhD



12:45pm-1:45pm

**Lunch**  
*Assembly Hall*

1:45pm-3:00pm

**Symposium: Pain in Special Populations**

Biopsychosocial Contributions to Race and Ethnic Group Differences in Pain      Roger Fillingim, PhD

Chronic Pain and Research Considerations in Gender Minority Persons      Andrea Chadwick, MD

Chronic Pain in Rural Populations      Kushang Patel, PhD, MPH

3:00pm-3:30pm

**Coffee Break**  
*Assembly Hall*

3:30pm-4:45pm

**Symposium: Advances in Research Methods**

On the Study of Sex as a Biological Variable      Adriene Beltz, PhD

Machine Learning for Clinical Pain Research      Maggie Makar, PhD

6:00pm

**Dinner Reception**  
*University of Michigan Museum of Art  
525 S State St, Ann Arbor*



**Tuesday, July 9<sup>th</sup> 2024**

7:45am	<b>Shuttle from Residence Inn Downtown Ann Arbor to Rackham Building</b>	
8:00am – 9:00am	<b>Full Breakfast</b> <i>Assembly Hall</i>	
9:00am	<b>Day 2 Welcome</b> <i>Rackham Amphitheatre</i>	Daniel Clauw, MD
9:00am – 10:30am	<b>Keynote Discussion</b> Peripheral and Central Pain Mechanisms: Finding Common Ground	Daniel Clauw, MD Michael Gold, PhD
10:30am – 10:45am	<b>Coffee Break</b> <i>Assembly Hall</i>	
10:45am – 11:15pm	<b>Demystifying the NIH</b>	Laura Wandner, PhD
11:15am-12:15pm	<b>HEAL K12 Update</b>  Introducing the 2024 HEAL K12 Scholars	David Williams, PhD  Abigail Helm, PhD Ryan Pontiff, DPT, PhD Mark Vorensky, DPT, PhD Ryan Wexler, ND, MSCR
12:15pm	<b>Wrap-Up</b>	Daniel Clauw, MD

**2024 PSC Scientific and Organizing Committee**

Daniel Clauw, MD  
Chelsea Kaplan, PhD  
Steven Harte, PhD  
Afton Hassett, PsyD  
Sara Skelton, MHA  
Drew Sturgeon, PhD