



**CHARLES R. DREW UNIVERSITY
OF MEDICINE AND SCIENCE**



9th Drug Abuse Research Symposium
<http://www.cdrewu.edu/res/DrugAddictionResearch>

**CDU Diversity-promoting Institutions Drug Abuse Research Development Program
(DIDARP)**

Friday, September 12, 2014

8:30 am – 4:30 pm

**Charles R. Drew University of Medicine and Science
Keck Lecture Hall**

1731 E. 120th Street, Los Angeles, CA 90059

Information: please contact Dr. Friedman at 310-668-5197 or drugabuseresearch@cdrewu.edu

Co-Sponsored by

UCLA Integrated Substance Abuse Programs/ Pacific Southwest Addiction Technology Transfer Center

UCLA CTSI

CDU AXIS

NAPAFASA

Agenda

7:30 - 8:30 am **REGISTRATION/PRE-CONFERENCE EVALUATION AND BREAKFAST**

8:30- 8:45 am Welcome and background on Diversity-Institutions Drug Abuse Research Program (DIDARP) at CDU

***Theodore Friedman, MD, PhD**

DIDARP Program Director

Charles R. Drew University of Medicine and Science

theodorefriedman@cdrewu.edu

[Biography Video](#) -[PowerPoint](#)

CE process and evaluations

Maria Castro

UCLA Integrated Substance Abuse Programs

Pacific Southwest Addiction Technology Transfer Center

mcbacca@ucla.edu

CME process and evaluations

Jeonathan Rodriguez

Charles R. Drew University of Medicine and Science

JeonathanRodriguez@cdrewu.edu

8:45- 9:00 am University Welcome
David M. Carlisle, MD, PhD
President and CEO
Charles R. Drew University of Medicine and Science
mosiodom@cdrewu.edu
[Video](#)

KEYNOTE SPEAKER

9:00-10:00 am The Vulnerable Brain: Insights into the Neurobiology of Addiction Disorders, (CME event)
Yasmin Hurd, PhD
Mount Sinai School of Medicine
Ward-Coleman Chair in Translational Neuroscience
Yasmin.Hurd@mssm.edu
[Biography Video](#) -PowerPoint [A](#) - [B](#)

POLICY RESEARCH SUBSTANCE ABUSE and FUNDING OPPORTUNITIES

10:00-10:25 am Understanding Medical Marijuana Laws: What is and is not considered in past and current state policies
Rosalie Pacula, PhD
Director, BING Center for Health Economics
Co-Director, Drug Policy Research Center
Senior Economist, RAND
Professor Pardee RAND Graduate School
pacula@rand.org
[Biography Video](#) -[PowerPoint](#)

10:25-10:50 am The Prescription Opioid Epidemic: Viewpoint from LA Times Journalists
Lisa Girion and Scott Glover
Staff Writers
Los Angeles Times
lisa.girion@latimes.com
Lisa Girion [Biography](#) Scott Glover [Biography Video](#) -[PowerPoint](#)

10:50-11:00 am **MORNING BREAK**

11:00-11:25 am The Prescription Opioid Epidemic: Viewpoint from Orange County DA
District Attorney Tony Rackauckas
Orange County District Attorney
Todd.Hart@da.ocgov.com
[Biography Video](#) -[PowerPoint](#)

11:25-11:55 am Menthol Tobacco Use in Priority Groups & TRDRP Funding Opportunities
Norval Hickman, PhD, MPH
Social and Behavioral Sciences

Program Officer
Tobacco-Related Disease Research Program
Norval.Hickman@ucop.edu
[Biography Video](#) -[PowerPoint](#)

11:55-12:25 pm NIH/NIDA Research Funding Opportunities 101
Albert Avila, PhD
Director of the National Institute on Drug Abuse (NIDA) Office of Diversity and Health Disparities
aavila@nida.nih.gov
[Biography](#)

TOP STUDENT/TRAINEE ORAL PRESENTATIONS

12:25-12:35 pm Nicotine plus a high-fat diet (HFD) increases oxidative stress and triggers cardiomyocyte (CM) apoptosis in male mice.
Isai Rea+
Division of Endocrinology
Charles R. Drew University of Medicine and Science
rea.isai62@gmail.com
[Biography Video](#) [PowerPoint](#)

12:35-1:35 pm **LUNCH BREAK AND MEET WITH DRS HURD, HICKMAN AND AVILA**

TOP STUDENT/TRAINEE ORAL PRESENTATIONS

1:35-1:45 pm Effects of early methylphenidate exposure on cannabinoid-induced conditioned place preference in young adult male rats
Michelle J. Stone+
Department of Psychology, California State University, San Bernardino
stonm301@coyote.csusb.edu
[Biography Video](#) -[PowerPoint](#)

Afternoon Session BASIC SCIENCE and POLICY PRESENTATIONS

1:45-1:55 pm Involvement of intrinsic and extrinsic pathways in hepatocellular apoptosis induced by combined treatment with nicotine and a high-fat diet (HFD)
Amiya Sinha-Hikim, PhD
Division of Endocrinology
Charles R. Drew University of Medicine and Science
amiyasinhahikim@cdrewu.edu
[Biography Video](#) -[PowerPoint](#)

1:55 -2:20 pm The changing landscape for drug policy reform in the United States: Washington, Colorado, and beyond
Laura Thomas, MPH, MPP

Deputy State Director, San Francisco, Drug Policy Alliance

lthomas@drugpolicy.org

[Biography Video](#) -[PowerPoint](#)

2:20-2:40 pm

Neurochemical Mechanisms of Tobacco Use: Learning from Animal Models (via videoconference)

Luis M Carcoba PhD

Department of Psychology

University of Texas at El Paso

lmcarcoba@utep.edu

[Biography Video](#) -[PowerPoint](#)

2:40 -3:00 pm

Functional brain imaging of risky decision-making in methamphetamine dependence

Milky Kohno, PhD+

Post-doctoral fellow, Laboratory of Molecular Imaging at UCLA

mkohno@ucla.edu

[Biography Video](#) -[PowerPoint](#)

3:00-3:10 pm *AFTERNOON BREAK*

3:10-3:30 pm

Ameliorating methamphetamine-induced cognitive impairment

Alicia Izquierdo, PhD

Associate Professor

University of California, Los Angeles

Department of Psychology

Brain Research Institute

Neuroscience Interdepartmental Program

aizquie@psych.ucla.edu

[Biography Video](#) -[PowerPoint](#)

3:30-3:45 pm

Nicotine Plus a High-Fat Diet Leads to Abdominal Lipolysis with Resulting Hepatic and Muscle Steatosis and Is Blocked By the Alpha 7 Nicotinic Receptor*.

Desean L. Lee, MS+

Charles R. Drew University of Medicine and Science

deseanlee@gmail.com

[Biography Video](#) -[PowerPoint](#)

3:45-4:00 pm

Menthol alone alters receptor number and assembly of neuronal nicotinic receptors

Brandon Henderson, PhD+

California Institute of Technology

bhenders@caltech.edu

[Biography Video](#) -[PowerPoint](#)

4:00-4:15 pm

Down regulated dopamine receptors following chronic drug exposures in mice that prefer alcohol*

4:15-4:30 pm

CLOSING REMARKS

*PRESENTATION OF PRIZE FOR TOP TRAINEE PRESENTATION AND POST-CONFERENCE
EVALUATIONS* [Video](#)

Theodore Friedman, MD, PhD

4:30 pm ***ADJOURN***

*Funded by CDU DIDARP

+Eligible for top trainee award