



Northern California
Education Foundation



CALIFORNIA
NORTHSTATE
UNIVERSITY

Fourth Annual International Healthcare Symposium

Toxicology Hot Topics & Trends

Date:

Saturday, October 12th, 2019
8AM – 5PM

NCEFSymposium@gmail.com

Location: [EVENT CENTER](#)

California Northstate University
9700 W Taron Drive
Elk Grove, CA 95757

Topics include:

- Pharmacokinetics and Evolution of Toxicology: Patrick Daubert, MD
- Management of Acutely Poisoned Patient: Leonard Ranasinghe, MD
- The Ins and Outs of Drug Testing: Patrick Daubert, MD
- Let's be Blunt, We Need a Cannabis Update: Steve Offerman, MD
- Toxic Alcohols, the intoxicating lecture: Kevin Rabey, MD
- Don't Baby the Facts, Acute Overdose in Pregnancy: Leonard Ranasinghe, MD
- Rattlesnake Envenomation Strike It While It's Hot: Steve Offerman, MD
- Psychotropic Medication Exposures: Mina Hah, MD
- Pharmacokinetics and Evolution of Opioids: Jessica Sheffler, PharmD
- Clinical Management of Opioid Overdose and Opioid Use Disorder: Nicola Longmuir, MD

Registration: CME participants \$100, FREE for non CME, all require to register

<https://forms.gle/ddVdBCkyoEdSL7cW7>

Poster Competition for all students: \$200 First Place, \$100 Second Place, \$50 Third Place

<https://forms.gle/dyRtcf9GnuKUHixj8>

Program Directors

Leonard Ranasinghe, PhD, MD, DABEM
Professor of Medical Education & Emergency Medicine
Clerkship Director- Emergency Medicine
California Northstate University College of Medicine

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CEP/Vituity Emergency Medicine Physician
President of Northern California Education Foundation

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Jessica Cheung, PS1 COP
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Continuing Medical Education

9700 W Taron Drive

Elk Grove, CA 95757

(916) 686-7891

To:

Statement of Need

Toxicology is an integral part of emergency, family, internal, and pediatric medicine. The recent opioid epidemic and its alarming increase in the number of deaths exemplifies the crucial need to educate our front-line medical providers. In addition to the opioid crisis, other drug abuse, intentional or unintentional overdoses, and their medical complications are relevant to our daily practice. Most medical provider and nursing curricula do not offer adequate time to teach how to evaluate and manage patients with toxicological problems. This symposium will focus on a few selected common toxicological problems and their initial management.

Target Audience

We expect to reach out to primary care providers (family medicine physicians, internal medicine physicians, pediatricians, physician assistants, nurse practitioners, and nurses) in our community and other surrounding communities.

Learning Objectives

1. General principles of managing the poisoned patient. Particularly the identification and initial resuscitation of patients presenting with poisoning or suspected poisoning
2. The use of toxic syndromes (toxidrome) to guide the physical examination and management of patients with possible poisoning
3. Important concepts in medication & overdose pharmacokinetics and how these can be applied to clinical practice.
4. The different available methods of gastrointestinal decontamination and the appropriate use of these interventions.
5. Important issues regarding cannabis pathophysiology, use, side effects, and potential for poisoning. What clinical practitioners need to know.
6. Issues regarding psychotropic medications exposures and how to manage toxicity
7. Important techniques for drug testing and how to incorporate these into clinical practice.
8. Fundamental issues regarding current state of opioid use, abuse, and poisoning.
9. Pathophysiology and management of crotaline snake (rattlesnake)

For Physicians:

California Northstate University, College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians.

California Northstate University, College of Medicine designates this live activity for the maximum of 8.0 AMA PRA Category 1 Credits TM. Physicians should claim only the credit commensurate with the extent of their participation in the activity.

For Pharmacists:

ACCREDITATION: This activity is accredited by Accreditation Council for Pharmacy Education (ACPE) to provide continuing pharmacy education for pharmacists. UAN: Pending.

CREDIT DESIGNATION: California Northstate University designates this live activity for a maximum of 8 hours of CE (0.8 CEUs). Category 1 Credit(s) TM Attendees should only claim credit with the extent of their participation in the activity. To receive full credit, participants must attend the entire event and complete the activity evaluation immediately following the event.



REGISTRATION

Name: _____
 Degree/Specialty: _____
 Street Address: _____
 City/State/Zip: _____
 Phone: _____
 Email address: _____
 Medical/Nursing License #(required for credit): _____
 Special needs: _____

Please register and pay by credit card online or complete this form and mail with check (\$100) to: NCEF

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CME activities provided during this symposium
has received no commercial support.