Annual Intensive Review Course in Clinical Toxicology

1 Day Course Option
Thursday, March 12, 2015
OR
Friday, March 13, 2015

2 Day Course Option
Thursday, March 12, 2015
AND
Friday, March 13, 2015

NYC Poison Control Center
NYC Department of Health
Public Health Laboratories Building
455 First Avenue (between 26th and 27th Street)
New York, NY 10016
Ground Floor Auditorium

Fee Schedule

Two-Day Program:
$350.00 for Attending Physicians and all others
$200.00 for those “In Training”
$150.00 for Group Training (contact us)

Single-Day Program:
$200.00 for Attending Physicians and all others
$125.00 for those “In Training”
$125.00 for Group Training (contact us)

“In Training” includes Residents, Student Nurses, and Student Pharmacists
Registration must be accompanied by a letter from the Program Director verifying “in training status”

For Group Training registration, please contact Perla Suarez
Email: Perla.Suarez@nyumc.org
Phone: (212) 562-7146
Fax: (212) 562-3001

Online Registration
http://emergency.med.nyu.edu/courses/clinical-toxicology/toxicology-course-registration-form

Course Directors
Lewis Nelson, MD
Vice Chair of Academic Affairs,
Department of Emergency Medicine
NYU Langone Medical Center
Associate Professor of Emergency Medicine,
New York University School of Medicine
Associate Medical Director, NYCPCC

Joshua Nogar, MD
Attending Physician,
Department of Emergency Medicine
North Shore University Hospital
Long Island Jewish Medical Center
Assistant Professor of Emergency Medicine,
Hofstra North Shore-LIJ School of Medicine

Course Administrators
Susan Montella, RN, MA
Adjunct Assistant Professor of Emergency Medicine,
New York University School of Medicine

Mary Frances Ward, RN, MS, ANP
Senior Research Director,
Department of Emergency Medicine
North Shore-LIJ Health System
Associate Professor of Emergency Medicine,
Hofstra North Shore-LIJ School of Medicine

NYC Poison Control
Annual Intensive Review Course in Clinical Toxicology Schedule

Thursday, March 12, 2015

7:00am
Coffee & Registration

7:30am
Welcome & Year in Review – Robert Hoffman, MD

8:00am
Poisoning Basics:
Gastrointestinal Decontamination & Enhanced Elimination – Angela Regina, MD
Acetaminophen – Elizabeth Hines, MD
Aspirin and NSAIDs – Mark Su, MD
Toxicologic Bradycardia – Daniel Repplinger, MD

10:00am
Break

10:15am
Neuropsychiatric Presentations:
Psychiatric Meds I – Denise Fernandez, MD
Psychiatric Meds II – Adam Berman, MD
Hypoglycemics – Laura Fil, DO
Withdrawal Syndromes – Lewis Nelson, MD

12:15pm
Lunch

1:00pm
Natural Toxins:
Plants – Lewis Goldfrank, MD
Mushrooms – Rana Biary, MD
Marine Toxinology – Daniel Lugassy, MD
Snakes and Spiders – Dean Olsen, DO

3:00am
Break

3:15pm
Workshops at Bellevue Hospital Center:

<table>
<thead>
<tr>
<th>3:15 Workshop 1</th>
<th>3:50 Workshop 2</th>
<th>4:25 Workshop 3</th>
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</thead>
<tbody>
<tr>
<td>Coma</td>
<td>Stop the Bleeding</td>
<td>Toxicologic Tachycardia</td>
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<tr>
<td>Regina; Chu; Livshits</td>
<td>Repplinger; Majlesi</td>
<td>Fil; Manini; Weiner</td>
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<tr>
<td>Seizures</td>
<td>NMJ Toxins</td>
<td>Hyperthermic Syndromes</td>
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<tr>
<td>Nguyen; Greller</td>
<td>Lucyk; Rao; Sharma</td>
<td>Fernandez; Chiang;</td>
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<td>Prosser</td>
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<td>SPI</td>
<td>Laboratory Testing</td>
<td>Pediatric/Deadly in a</td>
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<td>Mercurio; Howland</td>
<td>Kessler; Hernandez;</td>
<td>Dose</td>
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<td>Nogar</td>
<td>Hines; Biary; Vassallo</td>
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5:00pm
Evaluations

5:15pm
Adjourn

North Shore LIJ
NYU Langone Medical Center
Poison Control
Annual Intensive Review Course in Clinical Toxicology Schedule

Friday, March 13, 2015

7:30am  Coffee & Questions

8:00am  Poisonous Chemicals I:
Carbon Monoxide – Robert Hoffman, MD
Cyanide and Methemoglobin – Vince Nguyen, MD
Toxic Alcohols – William Chiang, MD
Drugs of Abuse – Silas Smith, MD

10:00am Break

10:30am Poisonous Chemicals II:
Caustics – Larissa Laskowski, DO
Pesticides and Rodenticides – Benjamin Kessler, MD
Metals – Scott Lucyk, MD

12:00pm Lunch

12:45pm CPC – Unknown Case Studies Solved by the Experts
Betty Chen, MD; Hong Kim, MD; Lauren Shawn, MD

2:15pm Break

2:30pm Workshops at Bellevue Hospital Center:

<table>
<thead>
<tr>
<th>2:30 Workshop 1</th>
<th>3:05 Workshop 2</th>
<th>4:10 Workshop 3</th>
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<tbody>
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<td>Stop the Bleeding</td>
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<td>Laboratory Testing</td>
<td>Seizures</td>
<td>Medication Safety</td>
</tr>
<tr>
<td>Kessler; Hernandez; Nogar</td>
<td>Nguyen; Greller</td>
<td>Fine; Farmer; Laskowski</td>
</tr>
<tr>
<td>Advanced Poisonous Chemicals</td>
<td>Toxicologic Tachycardia Fil; Manini; Weiner</td>
<td>Hyperthermic Syndromes</td>
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<tr>
<td>Berman; Gupta; Hack</td>
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<td>Fernandez; Chiang; Prosser</td>
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</tbody>
</table>

4:45pm  Evaluations

5:00pm  Adjourn
NYU/Bellevue/NYCPCC/Related Faculty

Adam Berman, M.D.
Senior Fellow in Medical Toxicology, NSLIJ

Rana Biary, M.D.
Assistant Professor, Emergency Medicine

William Chiang, M.D.
Associate Professor, Emergency Medicine

Denise Fernandez, M.D.
Fellow in Medical Toxicology

Laura Fil, D.O.
Senior Fellow in Medical Toxicology, NSUH

Jeffrey Fine, M.D.
Associate Professor, Pediatric Emergency Medicine

Lewis Goldfrank, M.D.
Professor, Emergency Medicine
Chairman, Department of Emergency Medicine
Medical Director, NYCPCC

Elizabeth Hines, M.D.
Fellow in Medical Toxicology

Robert S. Hoffman, M.D.
Professor, Emergency Medicine
Director, Division of Medical Toxicology

Mary Ann Howland, Pharm.D.
Clinical Professor of Pharmacy,
St. John's University College of Pharmacy and Allied Health Professions
Consultant, NYCPCC and Bellevue Hospital ED

Benjamin Kesseler, M.D.
Senior Fellow in Medical Toxicology, NSLIJ

Larissa Laskowski, D.O.
Senior Fellow in Medical Toxicology

Scott Lucyk, M.D.
Senior Fellow in Medical Toxicology

Daniel Lugassy, M.D.
Assistant Professor, Emergency Medicine

Maria Mercurio-Zappala, MS, RPh, CSPI
Managing Director, NYCPCC

Lewis S. Nelson, M.D.
Professor, Emergency Medicine
Director, NYU Medical Toxicology Fellowship

Vince Nguyen, M.D.
Senior Fellow in Medical Toxicology

Joshua Nogar, M.D.
North Shore-LIJ Health System

Dean Olsen, D.O.
Nassau University Medical Center

Angela Regina, M.D.
Fellow in Medical Toxicology, NSLIJ

Daniel Repplinger, M.D.
Fellow in Medical Toxicology

Silas Smith, M.D.
Assistant Professor, Emergency Medicine
Associate Director, NYU Medical Toxicology Fellowship

Mark Su, M.D.
Assistant Professor, Emergency Medicine
Director, NYCPCC

Susi Vassallo, M.D.
Associate Professor, Emergency Medicine

Visiting Faculty

Betty Chen, M.D.
University of Washington

Jason Chu, M.D.
St. Lukes/Roosevelt Hospital

Brenna Farmer, M.D.
Weill-Cornell Medical Center

Howard Greller, M.D.
Mount Sinai School of Medicine

Amit Gupta, D.O.
Staten Island University Hospital

Jason Hack, M.D.
Brown University School of Medicine

Stephanie Hernandez, M.D.
Mount Sinai School of Medicine

Hong Kim, M.D.
Johns Hopkins School of Medicine

Zhanna Livshits, M.D.
Weill-Cornell Medical Center

Nima Majlesi, D.O.
Staten Island University Hospital

Alex Manini, M.D.
Mount Sinai School of Medicine

Jen Prosser, M.D.
Weill-Cornell Medical Center

Rama B. Rao, M.D.
Weill-Cornell Medical Center

Adhi Sharma, M.D.
Consultant

Lauren Shawn, MD
St.Lukes/Roosevelt Hospital

Mai Takematsu, M.D.
Montefiore Medical Center

Sage Wiener, M.D.
Kings County Hospital Center
PROGRAM OBJECTIVES

All North Shore-LIJ Health System CME Activities are designed to improve patient care, safety and outcomes. At the conclusion of this conference, participants should be able to:

**Apply** poisoning basics such as the identification and management of GI decontamination, toxic acetaminophen exposure, salicylate poisoning, and toxicologic bradycardia.

**Identify** and **outline** mechanisms of action for neuro-psychiatric medications including those used to treat psychiatric disorders, hypoglycemic agents, and antimicrobials, and to describe plans of care for patients on these medications.

**Identify** and **outline** clinical findings in patients suffering from natural toxins including those from plants, mushrooms, snakes, and spiders, as well as those undergoing ethanol withdrawal.

**Describe** potential sources, clinical manifestations, and specific therapies for exposure to poisonous chemicals including carbon monoxide, cyanide, Met Hb, caustics, organic phosphorus pesticides, iron, lead, metals, and toxic alcohols and drugs.

STATEMENT OF NEED

As the role of pharmaceuticals in health care continues to grow, so do the side effects, drug interactions, and unanticipated patient responses. It is increasingly important that emergency medicine health care providers apply the basic concepts of pharmacologic categories, mechanisms of action, recognition of symptoms, changes in vital signs, and metabolism in order to execute proper patient care and achieve positive outcomes. In addition to lectures and case presentation discussion, this course offers interactive workshops that will keep learners engaged and attentive.

AMERICAN WITH DISABILITIES ACT

This conference is in compliance with provisions of the Americans With Disabilities Act (ADA) and is accessible for individuals with special needs. If you would like to attend this conference and require any special needs or accommodations, please contact Perla Suarez at (212) 562-7146.