

Advance Program (as of 9/29/10)

2010 International Symposium on Safe Medicine*

**Previously known as the International Symposium on Pharmaceuticals in the Home and Environment*



**Sunday - Tuesday
October 10 - 12, 2010**



**Holiday Inn by the Bay
Hotel & Convention Center
Portland, Maine**



This conference is designed for medical, health, pharmaceutical, and human service practitioners, educators, policymakers, law enforcement personnel, environmentalists, substance abuse professionals, and others concerned with the human and environmental impact of prescription drugs on individuals and their external environment.

See you in Portland, Maine

The exciting and beautiful coastal city of Portland, Maine offers a superb venue in which to learn, share ideas, and network with both a national and international gathering of authorities and other stakeholders on the major issues and challenges surrounding prescription drug use, misuse, abuse, return, and disposal.

New Conference Format This Year

This year's program will merge the traditional dual track agenda offered in past years on Monday, October 11th and Tuesday morning, October 12th such that all attendees will now have the special opportunity to attend informative and thought provoking sessions on the full range of issues surrounding: 1) the environmental and social impact of unused prescription drugs stored in homes and flushed or otherwise discarded into the

environment; 2) innovative return and disposal policy and program responses and related environmental issues; 3) the multitude of issues surrounding the use, misuse, and abuse of prescription drugs with a special focus on benzodiazepines, a class of medications used to treat anxiety, stress, and insomnia; and 4) pertinent health, safety, and improved medication prescribing practices and policies. Tuesday mid-late morning and afternoon, on October 12th, has concurrent sessions scheduled.

Don't Miss the Pre-Conference Workshops

You will not want to miss attending the special pre-conference workshops offered on Sunday afternoon, October 10th. This year, there are no additional registration fees required to attend these sessions. The workshop on "Effective Strategies in Opioid Prescribing" is being sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA)/Center for Substance Abuse Treatment (CSAT).

Charter Meeting of the International Association of Drug Waste Prevention, Disposal, and Medicine Safety Organizations

Concurrent with the conference, the International Institute on Pharmaceutical Safety will convene the charter meeting of the International Association of Drug Waste Prevention, Disposal, and Medicine Safety Organizations. It will be held starting at 5:30 pm on Sunday, October 10th. Questions about the International Association should be addressed to Dr. Stevan Gressitt at gressitt@gmail.com.

Location:
Connecticut/Rhode Island Room

Sunday, October 10th

Moderator: John Schloss

12:45 pm – Welcoming Remarks and Introductions

Lenard W. Kaye, DSW, PhD, Director, UMaine Center on Aging, Bangor, ME
Gayle Brazeau, PhD, Dean, College of Pharmacy, University of New England, Portland, ME

Pre-Conference Workshops and Meetings

1:00 pm – 4:00 pm

Minimize Liability, Manage Risk, Ensure Patient Safety: Effective Strategies in Opioid Prescribing*

Melissa Foronda, MPH, Assistant Project Director, SAMHSA, Silver Spring, MD
Todd Mandell, MD, Medical Director, Vermont ADAP, Burlington, VT
Ilene Robeck, MD, Section Chief of Ambulatory Care Pain Clinic, James A. Haley VA Hospital, St. Petersburg, FL

***Sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA)/Center for Substance Abuse Treatment (CSAT)**

4:15 pm – 5:15 pm

Retail Pharmacy Drug Diversion: Issues and Countermeasures

Renee DeWolf, President of NADDI of New England, Northbrook, IL

5:30 pm – 6:30 pm

International Association Convention (All Invited)

Stevan Gressitt, MD, Founding Director, International Institute on Pharmaceutical Safety, Portland, ME
Todd Mandell, MD, Medical Director, Vermont ADAP, Burlington, VT
Rodney Larson, PhD, RPh, Founding Dean, Professor, College of Pharmacy, Husson University, Bangor, ME
Lenard W. Kaye, DSW, PhD, Director, University of Maine Center on Aging, Bangor, ME
John Schloss, PhD, Chair and Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of New England, Portland, ME

- 7:30 am **REGISTRATION/CONTINENTAL BREAKFAST**
- 8:30 am **Introduction**
John Schloss, PhD, Chair and Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of New England, Portland, ME
- Welcoming Remarks and Spike Award**
- 8:40 am *Stevan Gressitt*, MD, Founding Director, International Institute on Pharmaceutical Safety, Portland, ME
- 8:45 am *Anne H. Jordan*, Commissioner, Maine Department of Public Safety, Augusta, ME
- 9:00 am *Gordon H. Smith*, Esq, Executive Vice President, Maine Medical Association, Manchester, ME
- 9:05 am **Cumberland Public Health District Medication Collection Project**
Shane T. Gallagher, MS, City of Portland, Public Health Division, HHS Department, Portland, ME
- 9:20 am *Marc B. Hahn*, DO, Dean and Senior Vice President for Health Affairs, College of Osteopathic Medicine, University of New England, Biddeford, ME
- 9:45 am **Green Chemistry**
Rich Williams, PhD, East Lyme, CT
- 10:15 am **BREAK**
- 10:30 am **Twelve Year Prescribing Trends for Fifteen Different Opioid, Benzodiazepine, Amphetamine, and Barbiturate Prescription Drugs Correlated with Report of Prescription Medication Abuse and Diversion**
Sean J. Belouin, PharmD, Commander, United States Public Health Service, Division of Workplace Programs, Centers for Substance Abuse Prevention, Substance Abuse and Mental Health Services Administration, Rockville, MD
Janine D. Cook, PhD, DABCC, Division of Workplace Programs, Centers for Substance Abuse Prevention, Substance Abuse and Mental Health Services Administration, Rockville, MD
- 11:15 am **Treatment Strategies to Address Prescription Drug Misuse and Abuse***
Todd Mandell, MD, Medical Director, Vermont ADAP, Burlington, VT
*Sponsored by the Substance Abuse and Mental Health Services Administration (SAMHSA)/Center for Substance Abuse Treatment (CSAT)
- 12:00 pm **LUNCH - EXHIBIT HALL/LOWER LEVEL**
Luncheon Speaker:
Curbing Prescription Drug Abuse – The Federal Government’s Perspective
Regina M. LaBelle, Senior Policy Advisor to the Director, Office of National Drug Control Policy, Washington, DC
- 1:00 pm **PGH Members Respond to Pharmaceutical Issues**
Anna Gilmore Hall, RN, CAE, Executive Director, Practice Greenhealth, Reston, VA
- 1:15 pm **Safe Drug Disposal: Blueprint for the Future**
Charlotte A. Smith, RPh, MS, HEM, Director, PharmEcology Services, WM Healthcare Solutions, Inc., Wauwatosa, WI
- 1:45 pm **National Drug Intelligence Center (NDIC) National Drug Threat Survey Data and Controlled Prescription Drug Issues**
Douglas Ross, Field Intelligence Officer, National Drug Intelligence Center U.S. Department of Justice, Johnstown, PA
- 2:15 pm **BREAK**
- 2:45 pm **The Future of Medication Disposal: Federal Policy and New Legislation**
Kathy Sykes, Senior Advisor, Aging Initiative, Office of Children’s Health Protection and Environmental Education, Child and Aging Health Protection Division, U.S. Environmental Protection Agency, Washington, DC
- 3:30 pm **Safe Medicine Disposal for ME: 2010 Update, Review of Current Operations, and Future Plans**
Jennifer Crittenden, MSW, Research Associate, UMaine Center on Aging, Bangor, ME
Roy E. McKinney, Director, Maine Drug Enforcement Agency, Augusta, ME

3:50 pm **The American Medicine Chest Challenge..A Collaborative Public Health Initiative Featuring Community Coalitions, Law Enforcement and the Media**
Angelo M. Valente, Chief Executive Officer, American Medicine Chest Challenge, Millburn, NJ

4:10 pm **Using Mail for the Safe and Secure Recovery of Unwanted Pharmaceuticals: Current and Future Prospects**
Emil J. Dzuray, Manager, Sustainability Initiatives, U.S. Postal Service, Washington, DC

4:40 -5:40pm **International Association Convention (All Invited)**
Stevan Gressitt, MD, Founding Director, International Institute on Pharmaceutical Safety, Portland, ME
Todd Mandell, MD, Medical Director, Vermont ADAP, Burlington, VT
Rodney Larson, PhD, RPh, Founding Dean, Professor, College of Pharmacy, Husson University, Bangor, ME
Lenard W. Kave, DSW, PhD, Director, University of Maine Center on Aging, Bangor, ME
John Schloss, PhD, Chair and Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of New England, Portland, ME

5:45 -6:45pm **Reception – Connecticut/Rhode Island Room**

7:00 pm **Film Presentations: Vermont/New Hampshire Room**
Host: *Stevan Gressitt*, MD, Founding Director, International Institute on Pharmaceutical Safety, Portland, ME
Second Tsunami

Location:
Vermont/New Hampshire Room

Tuesday, October 12th

Moderator: Rod Larson

7:30 am **REGISTRATION/CONTINENTAL BREAKFAST -** **Erin McGuire*, Congresswoman Chellie Pingree (ME-1),
Field Representative and Legislative Aide
Congressman Mike Michaud (Invited)

8:30 am **Welcome**
Rodney Larson, PhD, RPh, Founding Dean, Professor, College of Pharmacy, Husson University, Bangor, ME

Introductory Remarks
8:40 am *Julie K. Pease*, MD, President of Maine Association of Psychiatric Physicians, Brunswick, ME

8:45 am *Thomas Delahanty, II*, U.S. Attorney, State of Maine, Portland, ME

9:00 am **DEA Update on the Disposal of Dispensed Controlled Substances**
Cathy Gallagher, Associate Section Chief, Liaison and Policy Section, Office of Diversion Control, Drug Enforcement Administration, Springfield, VA

9:30 am **Policy and Practice Implications From MEHAF's Medication Assistance Evaluation: Helping People Access the Care They Need for Better Health and Fewer Visits to the Doctor**
Kimberly Fox, Senior Policy Analyst, Cutler Institute for Health and Social Policy, Muskie School of Public Service, University of Southern Maine, Portland, ME
Kimberly Crichton, JD, Program Officer II, Maine Health Access Foundation, Augusta, ME

10:00 am **BREAK**

10:15 am **Perilous Polypharmacy – Partnering in Medication Safety**
Kevin L. Wallace, MD, Associate Professor, Pharmacy Practice, College of Pharmacy, University of New England, Portland, ME

10:45 am **Pharmaceuticals in the Environment**
Timothy Ford, PhD, Vice President for Research & Dean of Graduate Studies, University of New England, Biddeford, ME

Antibiotic Resistance in Massachusetts Bay

Karen L. Lachmayr, Manager of Educational Programs, Microbial Sciences Initiative, Harvard University, Cambridge, MA

Transport and Dilution of Contaminants in Coastal River Plumes: Examples from Saco River and Bay
Phillip Yund, PhD, Director - Marine Science Center and Center for Land-Sea Interactions, University of New England, Biddeford, ME

Location:
Connecticut/Rhode Island Room

Tuesday, October 12th - Track A

Moderator: Rod Larson

- 11:30 am **The Mid Coast Medication Collection Partnership: All About Collaboration**
Jack Underwood, RPh, Director of Pharmacy, Mid Coast Hospital, Brunswick, ME
Melissa Fochesato, Substance Abuse Prevention Coordinator, Mid Coast Hospital & Communities Against Substance Abuse Coalition, Brunswick, ME
- 12:00 pm **LUNCH - EXHIBIT HALL/LOWER LEVEL**
Luncheon Speakers:
Benzodiazepines in Science and Society
Robert Whitaker, Journalist and Author of *Anatomy of an Epidemic*,
Unwanted Medicines and Educating our Communities: What Have we Learned, How are we Doing and What are the Next Steps? Experiences from the Great Lakes States
Susan Boehme, PhD, Coastal Sediment Specialist, Illinois-Indiana Sea Grant -UIUC Extension, Liaison to the U.S. EPA Great Lakes, National Program Office, Chicago, IL
- 1:00 pm **Charting a Course for Educating People about Safe Practices of Unwanted Medicines: An Innovative Model**
Paul Ritter, National Coordinator, National Prescription Pill & Drug Disposal Program Network (P2D2 Program) Pontiac, IL
Terri Hallesy, BS Education, Education Specialist, Illinois Indiana Sea Grant Program, Urbana, IL
- 1:30 pm **Family Caregiver Influence on Elderly Patient Medication Utilization**
Eloise Rathbone-McCuan, PhD., MSW, Professor, School of Social Work, University of Missouri-Kansas City
- 1:45 pm **Safe Use: Collaborating to Reduce Preventable Harm from Medicines**
James R. Hunter, Rph, MPH, Senior Program Manager, Controlled Substance Staff, Food & Drug Administration Silver Spring, MD
- 2:00 pm **Efforts to Manage Unneeded and Unwanted Medicine in the Granite State**
Brandon Kernen, MS, Civil and Environmental Engineering, Tufts University; BS Hydrology and Water New Hampshire Department of Environmental Services, Concord, NH
- 2:30 pm **Evolution of US Pharmacist's Role in Drug Adherence**
Conrad Dhing, PhD, Associate Professor, Social and Administrative Sciences, Husson University, Bangor, ME
- 3:00 pm **BREAK**
- 3:15 pm **Systems Thinking - An Integrated Closed Loop Solution for Managing Unused Rx**
Susan Hopp, Principal, SeaChange Waste Management, Presido MBA Sustainable Management, 2010,
Monica Alderette, Principal, SeaChange Waste Management, Presido MBA Sustainable Management 2010
- 3:45 – 4:30pm **Deficiencies in prescribing and patients information on the prescribed treatment – reason for medication errors, lack of adherence and drug waste – an introduction to the Swedish Center for Better Medicine Use**
Staffan Castensson, PhD, Associate Professor, Medical Products Agency, Sweden
Anders Ekedahl, PhD, Assoc. Professor, Medicine Use, Medical Products Agency, Sweden

Location:
Massachusetts Room

Tuesday, October 12th - Track B

Moderator: Steven Sutton

- 11:30 am **Growth and Evolution of Take-Back Programs in Washington State**
Will Perry, Health & Environmental Investigator, Public Health/Seattle & King County, Seattle, WA
- 12:00 pm **LUNCH - EXHIBIT HALL/LOWER LEVEL**
- 1:00 pm **Prescription Drug Abuse in the Elderly**
Noell Rowan, PhD, Assistant Professor, Director, BSW Program, University of Louisville, Louisville, KY
Lori M. Paris, MSW, Director, Long Term Care Services, Park View Psychiatric Services, Jefferson, IN
- 1:30 pm **Prevention of Prescription Drug Overdose Fatalities in Western North Carolina Using Community-Interventions and Naloxone**
Fred Wells Brason II, Project Lazarus, Wilkes Healthy Carolinians Council, Northwest Community Care Network, Moravian Falls, NC

- 2:00 pm **Strategic Prevention Framework and the National Service to Science Program are Being Applied in Alaska**
Mary C. Sullivan, Program Manager, Seniors Behavioral Health Coalition, Akeela Inc. , Anchorage, AK
Captain Keith Mallard, Alaska State Trooper, Anchorage, AK
- 2:30 pm **Trends in Controlled Substance Prescribing in Maine**
Dan Eccher, MPH, PMP Project Coordinator, Office of Substance Abuse, Augusta, ME
- 3:00 pm **BREAK**
- 3:15 pm **Law Enforcement and Pain Management**
Carlos Aquino, Compliance Consultant & Founder, PharmaDiversion, LLC, Media, PA
- 4:00 pm **The Use of Cannabis as a Substitute for Prescription Drugs: The Case of Chronically Ill Patients**
Amanda Reiman, MSW, PhD, Director of Research, Berkeley Patients Group, Berkely, CA
- 4:10 - 4:30pm **Prescribing Medications Isn't Enough - How to Help Your Patient Obtain the Medications They Can't Afford**
Rich Sagall, MD, President, NeedyMeds, Gloucester, MA

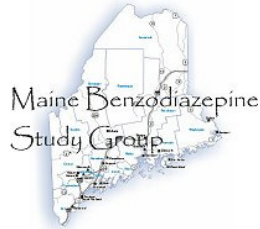
- 4:45 pm **Closing Remarks**
John Schloss, PhD, Chair and Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of New England, Portland, ME
- 5:00 pm **International Association Convention (All Invited)**
Stevan Gressitt, MD, Founding Director, International Institute on Pharmaceutical Safety, Portland, ME
Todd Mandell, MD, Medical Director, Vermont ADAP, Burlington, VT
Rodney Larson, PhD, RPh, Founding Dean, Professor, College of Pharmacy, Husson University, Bangor, ME
Lenard W. Kave, DSW, PhD, Director, University of Maine Center on Aging, Bangor, ME
John Schloss, PhD, Chair and Professor, Department of Pharmaceutical Sciences, College of Pharmacy, University of New England, Portland, ME

Wednesday, October 13th

Interested parties may take part in a tour of the University of New England, College of Pharmacy
from 9:00 am - Noon



CONFERENCE PARTNERS



CONFERENCE SPONSOR

The Substance Abuse and Mental Health Services Administration (SAMHSA)/Center for Substance Abuse Treatment (CSAT)



Session Descriptions/Learning Objectives

SUNDAY, OCTOBER 10TH **Location: Connecticut/Rhode Island Room** **Moderator: John Schloss**

PRE-CONFERENCE WORKSHOPS

1:00 pm -4:00 pm

Minimize Liability, Manage Risk, Ensure Patient Safety: Effective Strategies in Opioid Prescribing

Melissa Foronda, Todd Mandell, Ilene Robeck

This workshop is for healthcare and mental health professionals who are involved in the direct care of patients seeking help for opiate dependence and/or pain management. This training will provide a framework for applying best practices and developing comprehensive risk management strategies to improve patient safety and eliminate, transfer, reduce, and manage the risks associated with medication-assisted treatment for opioid dependence and chronic pain. Participants will have the opportunity to ask questions and enter into a dialogue with faculty and each other to expand their knowledge of current trends and develop skills in identifying and preventing risks.

- Develop risk management strategies to prevent unsafe induction, adverse reactions, and the diversion of medication;
- Assess patients and recognize impairments and co-occurring medical disorders; and
- Understand the benefits of prescribing opioids, such as methadone for opioid addiction and pain management

4:15 pm – 5:15 pm

Retail Pharmacy Drug Diversion: Issues and Countermeasures

Renee DeWolf

This session provides a brief overview of the impact of pharmaceutical abuse and diversion on the retail pharmacy environment provides insight on the elements of a successful mitigation program and highlights the benefits beyond regulatory compliance.

- Understand how prescription drug abuse and misuse trends impact the retail pharmacy environment
- Review case examples
- Define strategy for mitigating diversion and abuse risk
- Review available resources to drive a successful mitigation program
- Understand benefits of successful diversion and abuse mitigation

5:30 pm – 6:30 pm

International Association Convention

Stevan Gressitt, Todd Mandell, Rodney Larson, Lenard Kaye, John Schloss

MONDAY, OCTOBER 11TH **Location: Vermont/New Hampshire Room** **Moderator: Stevan Gressitt**

9:05 am

Cumberland Public Health District Medication Collection Project

Shane Gallagher

This session will cover the development of a medication collection program by the Cumberland District Public Health Council and the Public Health Division. The presentation will cover the pilot phase and the most recent collection, describing both the planning and results of the events. Learning objectives include 1) Gain awareness of medication collection efforts in Cumberland County 2) Gain perspective on the basic components of a community medication collection event 3) Gain awareness of the need to partner with non-traditional public health collaborators.

9:20 am

Marc Hahn

9:45 am
Green Chemistry

Rich Williams

This presentation will describe longer-term innovations that have the potential to reduce the exposure and risk from pharmaceuticals in the environment by reducing the quantity of drugs entering the environment. It is an expanded version of a Congressional briefing delivered 14 September 2010. In addition to initiatives directly targeted to reduce the quantity of drugs in the environment, medical initiatives aimed at increasing the efficacy of drugs and minimizing side effects, but that also will reduce environmental loading, will be described. The 12 principles of green chemistry will be used as a framework for the presentation.

Learning Objectives:

1. Understand how green chemistry principles support sustainability, with the pharmaceutical life cycle and pharmaceuticals in the environment as a case study.
2. Understand factors that control the environmental persistence of natural and synthetic chemicals.
3. Understand the trajectory of advances in drug therapy and why they hold benefits for both patients and the environment.

10:30 am
Twelve Year Prescribing Trends for Fifteen Different Opioid, Benzodiazepine, Amphetamine, and Barbiturate Prescription Drugs Correlated with Report of Prescription Medication Abuse and Diversion

Sean Belouin and Janine Cook

The medical and nonmedical use of prescription drugs is increasing dramatically in the United States. This study presents a 12-year retrospective analysis of physician prescribing practices, both in the number of prescriptions written and the number of extended units dispensed, for 15 different prescription medications in the opioid, benzodiazepine, amphetamine, and barbiturate classes. In addition, the demographics, including age and gender of the intended prescription recipients, are provided for each study drug. These prescription data are discussed in the context of other databases which report the associated effects of prescription medication abuse and diversion.

The learning objectives for this session include the following:

1. Summarize the changes in physician prescribing practices, both in the number of prescriptions written and the number of extended units dispensed, over the previous 12 years.
2. Correlate the 12-year historical prescription drug trending data with prescription drug abuse databases.
3. Compare and contrast the age and gender of the intended prescription recipients with those who are abusing and diverting prescription medications.

11:15 am
Treatment Strategies to Address Prescription Drug Misuse and Abuse

Todd Mandell

The purpose of this session is to bring awareness to a growing issue of prescription drug misuse and abuse. Each year, millions of patients are treated for a variety of serious medical conditions with prescription drugs whose therapeutic benefits are accompanied by psychoactive effects. Recent indicators reveal that the misuse and abuse of prescription drugs are rising, and we are faced with a challenge of minimizing the potential for misuse without impeding patients' access to needed medical care. This presentation will explore the current trends in prescription drug abuse and will reinforce the role that healthcare providers play in appropriate prescribing and patient education.

Learning Objectives:

- Understand trends regarding prescription drug misuse and abuse, based on NSDUH, DAWN, and TEDS data
- Define risk factors for potential misuse or abuse of prescription medications
- Understand the method of screening for risk of prescription drug abuse
- Understand the appropriate steps to monitor for effectiveness of the medications and to minimize the potential for diversion and abuse

12:00 pm
Curbing Prescription Drug Abuse-The Federal Government's Perspective (LUNCHEON SPEAKER)

Regina LaBelle

The session will present the Federal perspective on prescription drug abuse generally and most specifically prescription drug disposal. The presentation will include a general overview of the Administration's strategy on prescription drug abuse, including an update on Federal legislative and regulatory actions on prescription drug abuse; recent Federal actions on prescription drug disposal; and the role that state and local governments, as well as professional societies can play in reducing prescription drug abuse.

1:00 pm
PGH Members Respond to Pharmaceutical Issues
Anna Gilmore Hall

1:15 pm
Safe Drug Disposal: Blueprint for the Future

Charlotte Smith

There is an old saying that when you don't know where you're going, any road will get you there. As drug collection events gain more experience and additional stakeholders enter the arena, it's important to consolidate the pitfalls and lessons learned so that new programs can succeed with fewer obstacles. As Congress considers amending the Controlled Substances Act, it is also important to consider what the final regulations might entail. This presentation will provide a short retrospective followed by a delineation of where the consumer medication take-back efforts are today, where they may be moving tomorrow, and how pollution prevention efforts can impact the need for such efforts.

Learning Objectives: 1. Participants will be able to list the primary regulatory agencies that need to be considered when designing a medication take-back program. 2. Participants will be able to describe three primary take-back models and their advantages and disadvantages. 3. Participants will be able to list the restrictions imposed by the current Drug Enforcement Administration regulations and compare them to the proposed Safe Drug Disposal Act of 2010.

1:45 pm
National Drug Intelligence Center (NDIC) National Drug Threat Survey Data and Controlled Prescription Drug Issues

Douglas Ross

Mr. Ross will be presenting the results of NDIC's 2010 National Drug Threat Survey with regards to controlled prescription drug abuse. His presentation will focus on controlled prescription drug abuse in Maine and the New England region, and how these abuse trends compare with the country as a whole. A portion of the presentation will focus on recent accidental drug overdose death statistics for the New England states.

Learning Objectives:

- Provide attendees with law enforcement's view regarding current controlled prescription drug abuse trends in Maine and the northeast region
- Demonstrate linkage of controlled prescription drug abuse with criminal activity
- Demonstrate linkage of controlled prescription drug abuse with accidental drug overdose deaths

2:45 pm
The Future of Medication Disposal: Federal Policy and New Legislation
Kathy Sykes

3:30 pm
Safe Medicine Disposal for ME: 2010 Update, Review of Current Operations, and Future Plans

Jennifer Crittenden and Roy McKinney

Jennifer Crittenden, Program Manager for the Safe Medicine Disposal for ME Program and Roy McKinney, Director of the Maine Drug Enforcement Agency, will provide an update on the Safe Medicine Disposal for ME Program, Maine's mailback drug disposal program including information on the transition from its pilot phases into current operations. The presentation will touch upon future directions for this program and how this program fits into the context of drug enforcement work in the State of Maine. Attendees will be able to: Identify the status of the Safe Medicine Disposal for ME program. Describe the challenges and opportunities related to transitioning from a pilot to a full statewide drug disposal program. Describe how the Safe Medicine Disposal for ME Program fits into the larger context of drug enforcement work in the state and national disposal programming efforts.

3:50 pm

The American Medicine Chest Challenge: A Collaborative Public Health Initiative Featuring Community Coalitions, Law Enforcement and the Media

Angelo Valente

The American Medicine Chest Challenge is a community based public health initiative, with law enforcement partnership, designed to raise awareness about the dangers of prescription drug abuse and provide a nationwide day of disposal – at a collection site or in the home - of unused, unwanted, and expired medicine that will be held on November 13, 2010 in communities across the country. The American Medicine Chest Challenge provides a unified national, statewide, and local focus to the issue of medicine abuse by children and teens. It is designed to generate unprecedented media attention to the issue of prescription and over-the-counter medicine abuse and to challenge all Americans to take the 5 Step American Medicine Chest Challenge:

- Take inventory of your prescription and over-the-counter medicine.
- Lock your medicine chest.
- Dispose of your unused, unwanted, and expired medicine in your home or at an American Medicine Chest Challenge Disposal site.
- Take your medicine(s) exactly as prescribed.
- Talk to your children about the dangers of prescription drug abuse... **they are listening.**

This initiative is provided without cost to any community, government, or law enforcement agency in the country.

Learning Objectives:

1. Learn to create a community based approach to creating a prescription-drug day of disposal;
2. Develop unique skill-sets when dealing with the issue of prescription drug abuse disposal utilizing the culture of collaboration;
3. Apply social media tools and technologies to enhance the collaboration process for a prescription-drug day of disposal.

4:10 pm

Using Mail for the Safe and Secure Recovery of Unwanted Pharmaceuticals: Current and Future Prospects

Emil Dzuray

In this session, The US Postal Service's Manager of Sustainability Initiatives will describe the USPS efforts to position and use the mail network as a convenient, inexpensive and secure mode to recover unwanted pharmaceuticals from every home address. The 3 learning objectives for participants are 1) understand the key aspects of a successful mail back program, 2) review the lessons learned in the current Maine drug mail-back program, and 3) obtain an overview of the prospects for future mail back programs given recently passed legislation.

4:40 pm – 5:40 pm

International Association Convention

Stevan Gressitt, Todd Mandell, Rodney Larson, and Lenard Kaye

5:45 pm – 6:45 pm - RECEPTION

7:00 pm

FILM PRESENTATIONS → *Stevan Gressitt*

Second Tsunami

TUESDAY OCTOBER 12TH

Location: Vermont/New Hampshire

Moderator: Rod Larson

9:00 am

DEA Update on the Disposal of Dispensed Controlled Substances

Cathy Gallagher

9:30 am

Policy and Practice Implications from MEHAF's Medication Assistance Evaluation: Helping People Access the Care they need for Better Health and Fewer Visits to the Doctor

Kimberly Fox and Kimberly Crichton

10:15 am

Perilous Polypharmacy – Partnering in Medication Safety

Kevin Wallace

Excessive and potentially unsafe use of multiple medications, commonly referred to in the medical professional community as polypharmacy, is a growing focus of health care system reform in our society. Use of medications in clinical practice can be most cost-effective when an ongoing team approach is applied that involves prescribing health care providers, pharmacists, patients, and other support groups within the community. This presentation outlines and characterizes the risks and impact of adverse drug events (ADEs) and various tools and strategies that, when applied in a community-based, patient-centered manner, can prevent harmful and costly outcomes of pharmacotherapy.

Learning Objectives: 1. Raise awareness of the risks and impact of polypharmacy and associated adverse drug events (ADEs). 2. Increase knowledge regarding cost-effective health care practice tools and team strategies directed at ADE prevention. 3. Stimulate ongoing group discussion and interest in further education and research aimed at reducing ADE occurrence and impact.

10:45 am

Pharmaceuticals in the Environment / Antibiotic Resistance in Massachusetts Bay / Transport and Dilution of Contaminants in Coastal River Plumes: Examples from Saco River and Bay

Tim Ford, Karen Lachmayr and Philip Yund

This presentation will begin by explaining the various routes by which discarded pharmaceuticals, particularly antibiotics, reach the waterways and why conditions in the environment are ideal for promoting antibiotic resistance. How antibiotics in waste streams, such as sewage, create reservoirs of antibiotic resistance will be illustrated by the case of Massachusetts Bay. The study found extremely high levels of tetracycline resistance genes in sewage from Boston and surrounding communities. Despite state of the art treatment, the inflow of sewage caused affected regions of Massachusetts Bay to have elevated levels of antibiotic resistance.

Learning Objectives:

- Describe the various routes by which pharmaceuticals, and in particular antibiotics, reach aquatic ecosystems
- Learn why conditions in the environment are ideal for promoting antibiotic resistance
- Describe how the input of sewage into an aquatic ecosystem affects levels of antibiotic resistance

TRACK A

Location: Connecticut/Rhode Island Room

Moderator: Rod Larson

11:30 am

The Mid Coast Medication Collection Partnership: All About Collaboration

Jack Underwood and Melissa Fochesato

Mid Coast Hospital has coordinated successful biannual medication disposal events since November 2005. The success of these events is due to the strong community partnerships with a shared interest in keeping our community safe from the dangers of prescription drug abuse and improper disposal. Participants will learn about the evolution of the partnership, funding streams generated through the collaboration, the role of the pharmacist and evaluation data from the ten events held.

Learning objectives

- 1) Identify community partners with a potential stake in medication disposal
- 2) Understand the role of the pharmacist in a Medication Collection Program
- 3) Receive a sample of an EXCEL spreadsheet for keeping track of Controlled Substances as they are counted
- 4) Review various statistical parameters surveyed for a Medication Collection Program

12:00 pm (LUNCHEON SPEAKERS)

Benzodiazepines in Science and Society

Robert Whitaker

This presentation will look at how societal perceptions of benzodiazepines have evolved and changed since Librium—the first benzodiazepine—was introduced in 1960. It will review what science has to say about their short-term and long-term effects, and whether societal perceptions are consistent with that scientific evidence. Those attending will learn about:

- a) The rise and fall of the first-generation benzodiazepines in the public mind from 1960 to 1980, and the subsequent re-invigoration of the market for these drugs with the introduction of Xanax in 1981.
- b) The scientific evidence regarding the short-term efficacy of benzodiazepines, and the harm that can come from long-term use.
- c) How the published results from the clinical tests of Xanax hid the fact that by the end of 14 weeks, the drug-treated patients were much worse off than the placebo group.

Unwanted Medicines and Educating our Communities: What Have we Learned, How are we Doing and What are the Next Steps? Experiences from the Great Lakes States
Susan Boehme

1:00 PM

Charting a Course for Educating People about Safe Practices of Unwanted Medicines: An Innovative Model

Paul Ritter and Terri Hallesy

Medicines are produced in increasing volumes every year. With this growth comes concern regarding environmental fate of unwanted medicines. Recent studies identified pharmaceutical compounds in fresh and marine waters nationwide. Additionally, improper medicine disposal poses poisoning risks to children, the elderly and pets and can lead to identity theft. One approach for decreasing amounts of unwanted medicines is the organization of collection programs. This presentation will highlight innovative initiatives for youths and their families to become engaged in their communities to establish collections of unwanted medicines. Highlights also include the Illinois-Indiana Sea Grant curriculum collection, "The Medicine Chest."

1:30 pm

Family Caregiver Influence on Elderly Patient Medication Utilization

Eloise Rathbone-McCuan

All providers and professionals delivering care to aged persons with multiple chronic diseases assume some role in the process of medication management. Clinical pharmacists, geriatric nurses and gerontological social workers share pivotal geriatric interdisciplinary team functions with physicians. As the great demand for in-home and community based care increases weighing heavily on family caregivers health care teams should include them in more active and informed intervention partnerships. Geriatric medication therapy research needs to more directly investigate the roles and functions that create caregiver stress. This presentation will:

1. Discuss problematic issues faced by caregivers related to medication adherence
2. Analyze the caregiver perspective of medication management strategies
3. Recommend an educational approach for caregivers regarding medication management

1:45 pm

Safe Use: Collaborating to Reduce Preventable Harm from Medicines
James Hunter

2:00 pm

Efforts to Manage Unneeded and Unwanted Medicine in the Granite State

Brandon Kernen

New Hampshire's interest in developing effective medicine disposal policies stems from concerns about environmental protection, drug abuse and preventing accidental poisonings. A diverse group of stakeholders are collaborating in New Hampshire to assess and address these concerns. This presentation will summarize these efforts.

Learning Objectives:

- 1) Household Medicine Management Trends in NH 2) Medicine Disposal Policies in NH 3) The importance of collaborating with environmental, drug abuse and poison control interests.

2:30 pm

Evolution of US Pharmacist's Role in Drug Adherence

Conrad Dhing

The role of pharmacist in the US has evolved dramatically over the past two decades and has expanded to include drug utilization review and medication adherence. In an effort to reduce waste of prescription medication, the Safe Medicine Disposal for Maine program was initiated in 2008. Subsequently, in Summer 2009, MaineCare initiated a policy that mandated a 15-day supply for initial orders of certain prescription medications to decrease the amount of unused medications due to discontinuation of therapy.

Learning Objectives:

At the end of this presentation, the audience will be able to:

1. understand the evolving role of a pharmacist in the US
2. describe MaineCare 15-day supply of initial orders of prescription medication
3. describe the Safe Medicine Disposal for Maine program

3:15 pm

Systems Thinking – An Integrative Closed Loop Solution for Managing Unused Rx

Susan Hopp and Monica Alderette

This session will discuss and offer an integrated “systems” approach to effectively divert unused prescription medicine (uRx) and related waste from the waste stream (waterways and landfills). It emphasizes sustainability principles and draws on the discipline of Systems Thinking. Systems Thinking calls for solutions to be comprehensive, not piecemeal, and operate within a framework of interdependency across stakeholders. Attendees will also be updated on the trends presaging the efficacy of new solutions to the problem as well as the challenges for implementation.

3:45 pm – 4:30 pm

Deficiencies in Prescribing and Patients Information on the Prescribed Treatment – Reason for Medication Errors, Lack of Adherence and Drug Waste – an Introduction to the Swedish Center for Better Medicine Use

Staffan Castensson and Anders Ekedahl

Deficiencies in prescribing and patient information on the prescribed treatment - a reason for medication errors, lack of adherence and drug waste - an introduction to the Swedish Center for Better Medicine Use is done together with Dr. Anders Ekedahl where Dr Castensson will cover the establishment of the Swedish Center for Better Medicine Use.

TRACK B

Location: Massachusetts Room

Moderator: Steven Sutton

11:30 am

Growth and Evolution of Take-Back Programs in Washington State

Will Perry

A Washington State coalition of government, NGO and business partners has been operating medicine return sites since 2006. There are now 120 return locations in our state. To date, these programs have collected and incinerated more 50,000 pounds of unwanted medicines. The rapid growth of these successful programs has brought its share of growing pains. This presentation describes the evolution of these Washington State programs, emphasizing their operational and policy challenges

Learning Objectives –

- 1) Growing public awareness of the problems associated with unwanted medicines will drive the rapid growth of permanent medicine take-back sites.
- 2) A hybrid system, involving pharmacies and law enforcement collection sites, is emerging as the most successful model in Washington state, at least until federal regulations change.
- 3) Working with regulators and vendors can streamline the operations of return programs and make them more cost-effective

1:00 pm

Prescription Drug Abuse in the Elderly

Noell Rowan and Lori Paris

This paper examines prescription drug abuse and evidence-based approaches for the elderly population. Adults over 65 consume more prescription and over-the-counter medications than any other age group in the United States. The elderly is especially at risk for addiction and abuse of medications as complex medical issues arise. An elderly person may also deal with emotional pain associated with loss and isolation which may increase the use of medications to assist in dealing with their emotional pain. Non-pharmacological approaches aim to reduce emotional and physical pain in the elderly which in turn, reduces the number of individuals who become addicted.

Learning Objectives:

- 1) Estimate the frequency, distribution, and correlates of the use of pain relievers among middle aged and elderly persons in the United States. 2) Discuss the rate and cause of pain medication abuse among elderly population 3) Discuss treatment modalities for elderly individuals addicted to pain medications and explore non-pharmacological alternatives to manage pain.

1:30 pm
Prevention of Prescription Drug Overdose Fatalities in Western North Carolina Using Community Interventions and Naloxone

Fred Wells Brason II

The primary substances implicated in overdose deaths in North Carolina are prescription opioids. Wilkes County had one of the highest overdose death rates in the country. However, Wilkes County has initiated community-based educational and intervention programs that simultaneously address pain management, substance abuse, and overdose. The five components are: 1) coalition building, 2) surveillance, 3) prevention of substance abuse and inappropriate prescribing, 4) rescue naloxone to reverse overdoses, and 5) evaluation. Evaluation results will be presented, as well as overview of other related overdose prevention efforts, and gains in promoting safer disposal and storage of prescription medications.

Learning Objectives:

1. To understand the importance of a multi-factorial and community-based approach to overdose prevention. 2. To understand approaches to empowering physicians to treat chronic pain more appropriately through peer-driven professional education. 3. To understand the feasibility of a multi-tiered community-based response to overdose prevention, including providing naloxone rescue medication.

2:00 pm
Strategic Prevention Framework and the National Service to Science Program are Being Applied in Alaska
Mary Sullivan, Keith Mallard

2:30 pm
Trends in Controlled Substance Prescribing in Maine

Dan Eccher

Participants will be able to 1) describe general trends in CS prescribing patterns in Maine over the past six years, 2) articulate the public health importance of Maine's Prescription Monitoring Program (PMP), and 3) find out more about Maine's PMP.

Prescribing patterns for controlled substances over the past six years in Maine will be described in detail. The role Maine's Prescription Monitoring Program plays in public health and safety will be delineated. Resources for more information, the use of the PMP in the clinical setting, and substance abuse treatment services will be discussed.

3:15 pm
Law Enforcement and Pain Management

Carlos Aquinos

Class participants will get a better understanding of the concerns of law enforcement and the regulations enforced by DEA pertaining to Schedules II through V controlled substances that are administered, dispensed, or prescribed by a physician treating pain. The presentation will:

1. Discuss the concern of law enforcement and regulatory agencies with the administering, dispensing, and prescribing of controlled substances as part of a pain treatment plan.
2. Identify the steps taken by DEA in enforcing federal laws and regulations through their Office of Diversion Control.
3. Discuss the importance of a good patient chart that will show the necessity for the use of controlled substances. This includes the use of a patient agreement and the documentation of a treatment plan.
4. Review administering, dispensing and prescribing of controlled substance as part of a treatment plan. This includes electronic prescriptions, the DEA regulation pertaining to a 90-day supply of a Schedule II drug, and other dispensing regulations.

4:00 pm
The Use of Cannabis as a Substitute for Prescription Drugs: The Case of Chronically Ill Patients

Amanda Reiman

For the chronically ill, risks include the effects of medication use on the liver; drug interactions; and dependence. Medical cannabis patients report substituting cannabis for prescription drugs to address these issues. A survey was administered at a cannabis dispensary in Berkeley, CA. (N=350). 71% percent have a chronic medical condition. 64% need additional treatments besides cannabis, 85% reported that cannabis had less side negative side effects than that treatment, and 88% reported that cannabis

made their symptoms much better. 66% use cannabis as a substitute for prescription drugs. Reasons included less adverse side effects and better symptom management with cannabis. Learning objectives for this presentation include: a knowledge of who medical cannabis patients are; a better understanding of the practice of substitution; and a greater awareness to the issues facing chronically ill patients who must take multiple medications over time.

4:10 pm – 4:30 pm

Prescribing Medications Isn't Enough – How to Help Your Patient Obtain the Medications They Can't Afford

Rich Sagall