

The National Academies of
SCIENCES • ENGINEERING • MEDICINE

**PAIN MANAGEMENT AND PRESCRIPTION OPIOID-RELATED HARMS:
EXPLORING THE STATE OF THE EVIDENCE**

A Workshop Hosted by the Committee on Pain Management and Regulatory
Strategies to Address Prescription Opioid Abuse

September 22, 2016

Auditorium
National Academy of Sciences Building
2100 C Street, N.W.
Washington, DC 20418

Agenda

The committee on Pain Management and Regulatory Strategies to Address Prescription Opioid Abuse is hosting two workshops as part of its information gathering. This first workshop will feature presentations on and discussion of topics relevant to the first four elements of the committee's statement of task:

- the state of the science of pain research, care, and education, including the evolving role of opioids in pain management;
- best practices with regard to safe and effective pain management;
- the epidemiology of the prescription opioid epidemic and strategies to address it; and
- areas for future research to inform efforts by the U.S. Food and Drug Administration (FDA) to further develop a framework for opioid review, approval, and monitoring that balances individual need for pain control with considerations of the public health consequences of opioids.

The second workshop, scheduled for November 4, 2016 in Washington, DC, will focus on the fifth element of the committee's statement of task: actions that FDA and others can take now to address the opioid epidemic, including FDA actions to be taken as part of development, review, and approval of pain medicines.

8:30 a.m.	Welcome and Opening Remarks
-----------	------------------------------------

Richard Bonnie, L.L.B., University of Virginia (Committee Chair)

8:45 a.m.	Session 1 – Perspectives on Progress and Future Directions in Clinical Pain Management and Provider Education
-----------	--

Moderator: *David Clark, M.D., Ph.D., Palo Alto VA Pain Clinic and Stanford University (Committee Member)*

- Pharmacological Pain Management, the Evolving Role of Opioids, and Improving Education of Health Care Providers
James P. Rathmell, M.D., Brigham and Women's Health Care and Harvard University (15 min)

- Non-Pharmacological Pain Management
David Shurtleff, Ph.D., National Center for Complementary and Integrative Health, National Institutes of Health (15 min)
- Research on Pain Management and Education at the National Institutes of Health: Response to the 2011 IOM Report Relieving Pain in America
David A. Thomas, Ph.D., Division of Epidemiology, Services and Prevention Research, National Institute on Drug Abuse; National Institutes of Health Pain Consortium (15 min)

DISCUSSION (20 min)

9:55 a.m.	BREAK
-----------	--------------

10:10 a.m.	Session 2 – Perspectives on Progress and Future Directions in Basic Pain Research and the Development of New Analgesics
------------	--

Moderator: *Jose Moron-Concepcion, Ph.D., Washington University (Committee Member)*

- Identification of Targets for New Analgesics
Clifford Woolf, M.D., Ph.D., Harvard University (15 min)
- Barriers to and Facilitators of Discovery and Development of New Analgesics
William Schmidt, Ph.D., NorthStar Consulting, LLC (15 min)
- Opioid Analgesia and Reward: Can They Be Separated?
Howard Fields, M.D., Ph.D., University of California, San Francisco (15 min)

DISCUSSION (20 min)

11:20 a.m.	Public Comment/Continued Discussion of Morning Sessions
------------	--

Moderator: *Richard Bonnie, L.L.B., University of Virginia (Committee Chair)*

11:45 a.m.	*LUNCH
------------	---------------

12:30 p.m.	Session 3 – Trends in Harms and Consequences of Prescription Opioids
------------	---

Moderator: *Lee Hoffer, Ph.D., Case Western Reserve University (Committee Member)*

- Intertwined Epidemics: Opioid- and Heroin-Related Overdoses
Daniel Ciccarone, M.D., M.P.H., University of California, San Francisco (15 min)
- Prescription Drug Abuse in Rural Appalachia: Ushering in the Next Decade of the Epidemic
Jennifer Havens, Ph.D., M.P.H., University of Kentucky (15 min)

*Public attendees may purchase lunch in the NAS cafeteria.

- Harms and Consequences of Prescription Opioid Use Among Subpopulations
Linda B. Cottler, Ph.D., M.P.H., F.A.C.E., University of Florida (15 min)

DISCUSSION (20 min)

1:40 p.m.	Session 4 – Interventions to Reduce Opioid-Related Harms: Misuse, Abuse, Addiction, and Overdose
-----------	---

Moderator: *Traci Green, Ph.D., M.Sc., Boston University (Committee Member)*

- Prescription Drug Monitoring Programs and Other State-Level Strategies
Tamara M. Haegerich, Ph.D., Division of Unintentional Injury Prevention, Centers for Disease Control and Prevention (15 min)
- Naloxone for Opioid Safety
Phillip Coffin, M.D., M.I.A., San Francisco Department of Public Health (15 min)
- Opioid Analgesics with Abuse-Deterrent Properties: Current Data and Future Opportunities
Richard C. Dart, M.D., Ph.D., Rocky Mountain Poison and Drug Center (15 min)
- Agonist Therapies for Treatment of Opioid Addiction
Yngvild Olsen, M.D., M.P.H., Institute for Behavioral Resources, Inc. (15 min)

DISCUSSION (20 min)

3:05 p.m.	BREAK
-----------	--------------

3:20 p.m.	Session 5 – Reflections on the Day: Promising Ideas and Interventions and Remaining Critical Issues
-----------	--

Moderator: *Richard Bonnie, L.L.B., University of Virginia (Committee Chair)*

- *Daniel Raymond, Policy Director, Harm Reduction Coalition (10 min)*
- *Penney Cowan, Founder and CEO, American Chronic Pain Association (10 min)*
- *Jonathan Goyer, Outreach Coordinator, Anchor Recovery Community Center (10 min)*
- *Christin Veasley, Co-Founder and Director, Chronic Pain Research Alliance (10 min)*

DISCUSSION (20 min)

4:25 p.m.	Closing Remarks
-----------	------------------------

Richard Bonnie, L.L.B., University of Virginia (Committee Chair)

4:30 p.m.	ADJOURN
-----------	----------------

**Committee on Pain Management and Regulatory Strategies to Address
Prescription Opioid Abuse**

Richard J. Bonnie, LL.B. (Chair), University of Virginia
Hortensia Amaro, Ph.D., University of Southern California
Linda Burnes Bolton, Dr.P.H., R.N., FAAN, Cedars-Sinai Medical Center
Jonathan P. Caulkins, Ph.D., Carnegie Mellon University
David Clark, M.D., Ph.D., Palo Alto VA Pain Clinic and Stanford University
Eli Eliav, D.M.D., Ph.D., University of Rochester Medical Center
Garret FitzGerald, M.D., F.R.S., University of Pennsylvania
Traci C. Green, Ph.D., M.Sc., Boston University
Miguel Hernan, M.D., Sc.M., Dr.P.H., Harvard T. H. Chan School of Public Health
Lee D. Hoffer, Ph.D., Case Western Reserve University
Paul E. Jarris, M.D., M.B.A., March of Dimes Foundation
Karol Kaltenbach, Ph.D., Thomas Jefferson University
Aaron S. Kesselheim, M.D., J.D., M.P.H., Harvard Medical School
Anne Marie McKenzie-Brown, M.D., Emory University
Jose Moron-Concepcion, Ph.D., Washington University
A. David Paltiel, Ph.D., Yale University
Valerie Reyna, Ph.D., Cornell University
Mark Schumacher, M.D., Ph.D., University of California, San Francisco

Staff officer: Morgan Ford, Board on Health Sciences Policy
mford@nas.edu 202.334.3299