



*Plenary Program
and*

CPDD 2018 Awardees

Sunday, June 10, 2018 at 8:30 AM - 11:00 AM

Hilton San Diego Bayfront Hotel

Indigo BCFG

San Diego, CA

NATHAN B. EDDY MEMORIAL AWARD

1974	Maurice Seevers	1995	Herbert D. Kleber
1975	Harris Isbell	1996	Griffith Edwards
1976	Abraham Wikler	1997	Martin W. Adler
1977	William Martin	1998	John W. Lewis
1978	Hans Kosterlitz	1999	Mary Jeanne Kreek
1979	E. Leong Way	2000	William L. Dewey
1980	Avram Goldstein	2001	Kenner C. Rice
1981	Everette May	2002	Horace H. Loh
1982	Vincent Dole	2003	Charles P. O'Brien
	Marie Nyswander	2004	James H. Woods
1983	Eric Simon	2005	Conan Kornetsky
1984	Raymond Houde	2006	F. Ivy Carroll
1985	Louis Harris	2007	Jack H. Mendelson
1986	Harold Kalant		Nancy K. Mello
1987	Clifton K. Himmelsbach	2008	Billy R. Martin
1988	Albert Herz	2009	Robert L. Balster
1989	Leo E. Hollister	2010	Theodore Cicero
1990	Charles Schuster	2011	Michael J. Kuhar
1991	Phillip S. Portoghese	2012	Edward M. Sellers
	Akira E. Takemori	2013	Linda Dykstra
1992	Joseph V. Brady	2014	Nora D. Volkow
1993	Lee N. Robins	2015	Roland Griffiths
1994	Jerome H. Jaffe	2016	Warren K. Bickel
		2017	Walter Ling

MENTORSHIP AWARD

2000	Robert L. Balster
2001	James H. Woods
2002	Conan Kornetsky
2003	Charles R. Schuster
2004	E. Leong Way
2005	Linda A. Dykstra
2006	James C. Anthony
2007	Scott E. Lukas
2008	Joseph V. Brady
2009	George Bigelow
2010	Charles O'Brien
2011	Stephen G. Holtzman
2012	Kathryn A. Cunningham
2013	James Sorensen
2014	Michael T. Bardo
2015	Michael A. Nader
2016	Kenner C. Rice
2017	Stephen Higgins

MARTIN & TOBY ADLER
DISTINGUISHED SERVICE AWARD

1994	Richard A. Millstein
2002	Alan I. Leshner
2003	Francis Vocci Jr.
	Charles O'Keeffe
2005	Ian P. Stolerman
2006	Richard M. Eisenberg
	Jonathan B. Kamien
2007	Ellen B. Geller
2008	Geoffrey K. Mumford
2009	William L. Dewey
2010	Jack Henningfield
2011	Patrick J. Kennedy
2012	General Barry R. McCaffrey (Ret.)
2014	David Shurtleff
2015	Cora Lee Wetherington

JOSEPH COCHIN YOUNG INVESTIGATOR AWARD

1987	Michael Bozarth	2002	Laura Sim-Selley
1988	Frank Porreca	2003	Andrew Coop
1989	Errol B. De Souza	2004	Sandra D. Comer
1990	Thomas Kosten	2005	Thomas E. Eissenberg
1991	Richard Rothman		James K. Rowlett
1992	Jeffrey M. Witkin	2006	Christopher Pierce
1993	Stephen Higgins	2007	Nancy Petry
1994	Richard W. Foltin	2008	Hendree Jones
1995	Warren K. Bickel	2009	Laura Bohn
1996	Toni Shippenberg	2010	David Jentsch
1997	Lisa H. Gold	2011	Thomas E. Prisinzano
1998	S. Stevens Negus	2012	Joshua A. Lile
1999	Sari Izenwasser	2013	William Stoops
2000	Leslie Amass	2014	C. Debra Furr-Holden
	Sharon Walsh	2015	Adam Leventhal
2001	S. Barak Caine	2016	Jun-Xu Li
		2017	Matthew Banks

**J. MICHAEL MORRISON
AWARD**

1986	Edward C. Tocus
1988	Marvin Snyder
1990	Arthur E. Jacobson
1992	Hans Halbach
1993	Beny Primm
1995	Jack D. Blaine
1997	Rao Rapaka
1999	Roy W. Pickens
2001	Roger Brown
2003	Richard L. Hawks
2004	Ronald Brady
2006	Joseph Frascella
2008	Rita Liu
	Betty Tai
2010	Cora Lee Wetherington
2011	Steven W. Gust
2013	Redonna Chandler
2016	Minda Lynch

**CPDD/NIDA
MEDIA AWARD**

1990	Katie McCabe
1992	James Burke
1998	Riester Robb
2000	Sean Clarkin
	Carlos Davila Rinaldi
2001	Michael Massing
2002	David T. Courtwright
2003	Addiction Studies Program for Journalists
	Peter Reuter
2004	Peter Reuter
2005	Brian Vastag
2006	Harvey Weiss
2007	John Hoffman, Susan Froemke, Sheila Nevins
2008	William Cope Moyers
2009	Nancy D. Campbell
2010	Allan Brandt
2011	Justin Hunt
2012	Dirk Hanson
2013	David Sheff
2014	Charles Evans, Jr.
2015	Jeff Foote, Nichole Kosanke, Carrie Wilkens
2016	Bess O'Brien
2017	Sam Quinones

Plenary Program

- 8:30 *Welcome*
CPDD President Alan J. Budney
- 8:45 *Celebrating the 80th Annual Scientific Meeting of the
Committee/College on Problems of Drug
Dependence* Loretta P. Finnegan, CPDD Executive
Officer
- 9:15 *Presentation of the Stephen G. Holtzman Travel Award for Preclinical
Investigators to Laís F. Berro*
Introduction by Alan J. Budney
- 9:20 *Presentation of the CPDD/NIDA Media Award to Maia Szalavitz*
Introduction by Meg Chisolm
- 9:35 *Presentation of the Martin & Toby Adler Distinguished Service Award*
Introduction by Loretta Finnegan
- 9:40 *Presentation of the J. Michael Morrison Award to Ivan D. Montoya*
Introduction by Francis Levin
- 9:45 *Presentation of the Joseph Cochin Young Investigator Award to
Kelly Dunn*
Introduction by Maxine Stitzer
- 9:50 *Presentation of the Mentorship Award to Leonard Howell*
Introduction by Laís F. Berro
- 9:55 *Presentation of the Innovator Award to Thomas Prisinzano*
Introduction by Christopher Cunningham
- 10:05 *Presentation of the Nathan B. Eddy Award to Alex Makriyannis*
Introduction by Thomas Prisinzano
- 10:15 *Nathan B. Eddy Lecture*
Cannabinoid Receptors, Their Structures and Functions
Alex Makriyannis, Northeastern University, Boston, MA

CPDD/NIDA MEDIA AWARD



Maia Szalavitz
Best Selling Author, Journalist

Maia Szalavitz is the author of the New York Times bestseller, *Unbroken Brain: A Revolutionary New Way of Understanding Addiction*. She has written about addiction for three decades for major publications including the New York Times, the Washington Post, Scientific American, the Atlantic and many others. She is author or co-author of six other books and writes a twice-monthly column for VICE on drugs and a regular column for The Guardian on inequality. Szalavitz is an investigative reporter for Time magazine and since 2004 has been a senior fellow at George Mason University's media watchdog group STATS.org. In 2009, Szalavitz partnered with Brent W. Jeffs and released *Lost Boy*, a biography of Jeffs's life in the Fundamentalist Church of Jesus Christ of Latter Day Saints. In Spring 2016, *Unbroken Brain: A Revolutionary New Way of Understanding Addiction* was published by St. Martin's Press. She was a 2015 Soros Media fellow, which supported her in writing this book.

NATHAN B. EDDY MEMORIAL AWARD



Alexandros Makriyannis, Ph.D.
George Behrakis Chair of Pharmaceutical Biotechnology
Founder and Director of the Center for Drug Discovery
Northeastern University, Boston, MA

Alex Makriyannis is the George Behrakis Chair of Pharmaceutical Biotechnology at Northeastern University, Boston, MA, and is the Founder and Director of the Center for Drug Discovery. He is a highly successful medicinal chemist and is well recognized nationally and internationally for his important contributions in endocannabinoid research. This relatively newly characterized biochemical system, where he played an important role in its discovery, regulates many physiological functions including pain, neuroprotection, addiction, immunomodulation and cognition. Over the past four decades his laboratory has designed and synthesized some of the key pharmacological endocannabinoid probes that are widely used and serve as leads for the development of new medications. He has also made important contributions aimed at understanding the molecular basis of cannabinoid activity. He has been a creative pioneer in the field of chemical biology where he combined the use of medicinal chemistry, biochemistry, molecular biology, and biophysics. His work is recognized for its high level of originality. Some of his compounds are in advanced preclinical trials for the treatment of metabolic disorders and liver function, neuropathic pain, addiction, and neurodegenerative diseases. Dr. Makriyannis has been a member of CPDD since 1997.

MENTORSHIP AWARD



Leonard Howell, Ph.D.
Professor Emeritus, Emory University, Atlanta, GA

Dr. Leonard Howell received his Ph.D. with training in experimental psychology, biochemistry and physiology from the Georgia Institute of Technology. Following postdoctoral training in psychobiology at Harvard Medical School, he accepted a faculty position at Emory University where he spent his entire professional career and is currently professor emeritus. He most recently served as Associate Director of Scientific Programs, Chief of the Division of Neuropharmacology and Neurologic Diseases and Director of the Imaging Center, Yerkes National Primate Research Center, and Professor of Psychiatry and Behavioral Sciences and Professor of Pharmacology, Emory University School of Medicine. His research program at Emory for over 30 years focused on the neuropharmacology of abused stimulants and included basic neurobiological studies of drug mechanism as well as medications development. The program was translational in its focus and bridged preclinical, nonhuman primate models with therapeutic applications in humans. He was recognized for his contributions with an NIH MERIT Award (2007-2016) and a Senior Research Scientist and Mentorship Award (2012-2017) from the National Institute on Drug Abuse. He has served on several committees within the College including the Education Committee (1996-99), the Animal Committee (2003-06), the Committee on Abuse Liability Testing (2006-10), and the Program Committee (2010-2013), and also served on the Board of Directors (2009-2013). Dr. Howell has regularly attended as an active participant in the annual meetings since joining the College in 1993. He currently is Past-President, a member of the Executive Committee and the Board of Directors and a Fellow of the College.

MARTIN & TOBY ADLER DISTINGUISHED SERVICE AWARD



Bertha Madras, Ph.D.
Professor of Psychobiology
Harvard Medical School, Boston, MA

Bertha Madras is Professor of Psychobiology, Harvard Medical School, and directs the Lab of Addiction Neurobiology at McLean Hospital. Her laboratory discovered key targets of drugs in primate brain, developed novel imaging agents and identified naturalistic primate models of human-based genetic disorders. With collaborators, she received 19 U.S. and 27 international patents. She is editor of several text books, developed the first addictions course (elective) for HMS students (1991), created the Cell Biology of Addictions Course at Cold Spring Harbor Laboratory, and a Museum exhibit, CD (licensed by Disney), *Changing your mind: Drugs in the Brain*, with the Museum of Science, Boston. As Deputy Director for Demand Reduction in the White House Office of National Drug Control Policy, Executive Office of President, she catalyzed Screening, Brief Intervention, Referral to Treatment (SBIRT) services nationally. In 2017, she served on President Trump's 6-member Commission on Combating Drug Addiction and the Opioid Crisis, and marshalled the final Commission report. The World Health Organization commissioned her to write *Update of Cannabis and its Medical Use* and she served as a panelist for the Vatican Pontifical Academy of Sciences assembly: "Narcotics: Problems and Solutions of this Global Issue". She received an NIH MERIT award, NIDA Public Service Award, American Academy of Addiction Psychiatry Founders' Award, among others. The Better World Report (2006) cited her brain imaging invention as "one of 25 technology transfer (university to industry) innovations that changed the world". A member of CPDD since 1989, Dr. Madras served on the CPDD Board of Directors from 1999 - 2003.

J. MICHAEL MORRISON AWARD



Ivan D. Montoya, M.D. M.P.H.
Director, Division of Therapeutics and Medical Consequences
The National Institute on Drug Abuse, Bethesda, MD

Dr. Montoya is the Acting Director of the Division of Therapeutics and Medical Consequences (DTMC) of the National Institute on Drug Abuse (NIDA). He received an M.D. from the University of Antioquia (Colombia), a Masters in Public Health from The Johns Hopkins School of Public Health, and completed residency training in Psychiatry at the University of Antioquia and the University of Maryland Hospital (Baltimore). He has been Fulbright Fellow at The Johns Hopkins School of Public Health, Visiting Foreign Fellow at the Intramural Research Program of NIDA, Consultant for the Pan American Health Organization, and Director of the Practice Research Network of the American Psychiatric Association. He leads a large program of research at NIDA that supports the development of psychosocial and pharmacological treatments for Substance Use and Addiction Disorders. He has published extensively in the areas of etiology, prevention, treatment (pharmacological and non-pharmacological), and medical consequences of drug abuse. He recently was the editor of a book summarizing the science on biologics (vaccines, monoclonal antibodies, and enzymes) to treat substance use disorders.

JOSEPH COCHIN YOUNG INVESTIGATOR AWARD



Kelly Dunn, Ph.D., Associate Professor
Behavioral Pharmacology Research Unit
Johns Hopkins School of Medicine, Baltimore, MD

Kelly Dunn, earned BA's in Psychology and Philosophy from Oswego State University and an MS in Applied Biopsychology from the University of New Orleans. In 2005, she joined the University of Vermont to work with Stacey Sigmon on randomized controlled trials (RCT) of contingency management for smoking cessation among opioid-use disorder (OUD) patients and buprenorphine taper durations in prescription opioid users. In 2009, she earned her PhD and joined the Behavioral Pharmacology Research Unit in the Johns Hopkins School of Medicine as a postdoctoral fellow. Here, she worked with Ken Silverman in his Therapeutic Workplace model of abstinence reinforcement and with George Bigelow and Eric Strain on several RCTs evaluating medications for opioid and alcohol use disorders. She joined the BPRU as an Instructor in 2011 and has since been promoted to Assistant (2012) and Associate (2016) Professor. Dr. Dunn has been the PI of 5 NIDA-funded grants, all of which focus on OUD. She has developed a web-based opioid overdose intervention, is piloting a method to treat pain in OUD patients, and is conducting 3 blinded R01 human laboratory studies examining OUD mechanisms. She has been continuously appointed to different CPDD committees for the past 10 years, and is the incoming Chair of the CPDD Program Committee. She is also currently completing her MBA.