

PAUL ARMENTANO

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Professional Experience

- Deputy Director, National Organization for the Reform of Marijuana Laws: 1995-1999, 2001-present
- Faculty/Chair of Science, Oaksterdam University: 2009-present
- Contributing Expert, TheHill.com/Capitol Hill Publishing Corp: 2016-present
- Faculty, The Lambert Center for the Study of Medicinal Cannabis and Hemp at Thomas Jefferson University: 2018-present
- Content Provider, The Blade newspapers (Washington DC and Los Angeles): 2018-present
- Advisor, Guidepoint Global Advisors: 2017-present
- Appointee, City of Vallejo, California: Medical Marijuana Stakeholders and Expert Group (task force): 2016-2017

Relevant Peer-Reviewed Publications

- Armentano. 2015. Are THC concentrations appropriate for presuming psychomotor impairment? In: Tiftickjian. Medicolegal Aspects of Marijuana: Colorado Edition. Tucson: Lawyers & Judges Publishing Company. pp. 131-135.
- Armentano, 2013. Should Per Se Limits Be Imposed For Cannabis? Equating Cannabinoid Blood Concentrations With Actual Driver Impairment: Practical Limitations and Concerns. *Humboldt Journal of Social Relations*, Issue 35, pp. 41-51.
- Armentano. 2012. Cannabis and Psychomotor Performance: A Rational Review of the Evidence and Implications for Public Policy. *Drug Testing & Analysis*, Volume 5, Issue 1, pp. 52-56.
- Armentano. 2010. Driving Under the Influence. In: Holland. The Pot Book: A Complete Guide to Cannabis, Its Role in Medicine, Politics, Science, and Culture. Toronto: Park Street Press. pp. 196-201.

Books

- The Citizen's Guide to State By State Marijuana Laws (2015) Atlanta, GA: Whitman Publishing
- Co-author. Marijuana Is Safer: So Why Are We Driving People to Drink? (2009, revised 2013) White River Junction, VT: Chelsea Green Press
- Emerging Clinical Applications For Cannabis and Cannabinoids: A Review of the Recent Scientific Literature (2008, revised 2012, revised and expanded 2015, 2018) Washington, DC: NORML Foundation

Chapters in Anthologies (partial list)

Mr. Armentano has authored chapters pertaining to the subject of cannabis, the law, health implications, and public policy for more than two-dozen anthologies and textbooks, including: The Politics of Marijuana: A New Paradigm (Peter Lang, 2019) Medicological Aspects of Marijuana: Michigan Edition (Lawyers & Judges Publishing, 2019, Medicological Aspects of Marijuana: Arizona Edition (Lawyers & Judges Publishing, 2018, Issues: Understanding Controversy and Society (2017: ABC-CLIO), The Medical Marijuana Dispensary (2016, Althea Press), The Legalization of Marijuana: Opposing Viewpoints (Greenhaven Press, 2016); Medicological Aspects of Marijuana: Colorado Edition (Lawyers & Judges Publishing, 2015); Marijuana: Opposing Viewpoints (Cengage/Thomas Gale, 2014); Addiction: Opposing Viewpoints (2014, Greenhaven Press); Drug Legalization (2014, Greenhaven Press); Medical Marijuana: Opposing Viewpoints (Greenhaven Press, 2013); Teen Rights and Freedoms: Search and Seizure (Greenhaven Press, 2013); Marijuana: Introducing Issues With Opposing Viewpoints (2012, Cengage Learning/Greenhaven Press); Think: Critical Thinking and Logic Skills For Everyday Life (McGraw Hill, 2011); Current Controversies: Medical Marijuana (Thomson Gale/Cengage Learning, 2011); The Pot Book: A Complete Guide to Cannabis – Its Role in Medicine, Politics, Science, and Culture (Park Street Press, 2010); Marijuana (Thomson Gale/Cengage Learning, 2009); Teens at Risk: Opposing Viewpoints (Greenhaven Press, 2009); Gateway Drugs (Thomson Gale/Cengage Learning, 2008); Censored 2009: The Top 25 Censored Stories of 2007-08 (Seven Stories Press, 2008); Introducing Issues With Opposing Viewpoints: Marijuana (Thomson Gale/Cengage Learning, 2007); Drugs, Society & Behavior -- 20th Edition (McGraw Hill, 2005); The War on Drugs: Opposing Viewpoints (Thomson Gale/Cengage Learning, 2004); Police Brutality: Current Controversies (Greenhaven Press, 2004); You Are Being Lied To: The Disinformation Guide to Media Distortion, Historical Whitewashes and Cultural Myths (Disinformation Press, 2001); The New Prohibition (Accurate Press, 2004); Busted: Stone Cowboys, Narco-Lords, and Washington's War on Drugs (Nation Books, 2002); and Drug Abuse: Opposing Viewpoints (Greenhaven Press, 1999)

Honors

- 2019 recipient: The Al Horn Award in Recognition of a Lifetime of Ceaseless Work to Advance Justice
- 2013 recipient: The Alfred R. Lindesmith Award for Achievement in the Field of Scholarship
- 2013 recipient: Freedom Law School Health Freedom Champion of the Year award
- 2008 recipient: Project Censored Real News Award for Outstanding Investigative Journalism
- 1995 recipient: Who Cares Magazine Young Visionaries Award

Legal

- Expert: *Allard et al v Her Majesty the Queen*. Canadian federal court, Vancouver: May 2015.
- Principle Investigator. Evidentiary hearing: *US v Schweder et al*. US federal court, Eastern District of California, Sacramento: October 25-30, 2014.

Relevant Presentations (partial list)

- Plenary Speaker: At Marijuana Law Conference, 4th Annual, Sponsored by the Marijuana Law Section of the State Bar of Michigan, Grand Rapids, MI, 2019. **CLE-accredited event**
- Plenary Speaker: At: John Muir Medical Center Cannabis Education Day, Sponsored by The San Francisco Bay Area Chapter of the Hospice and Palliative Nurses Association, Walnut Creek, CA, 2019. **CNE-accredited event**
- Keynote Speaker: At: Winning the War on the War on Drugs, Sponsored by The Ron Paul Institute for Peace and Prosperity, Houston, TX, 2019.
- Plenary Speaker: At: California Association of Criminalists Spring 2019 Seminar, Sponsored by the CAC and the Oakland Police Department Laboratory, Oakland, CA, 2019.
- Keynote Speaker: At: Adaptive Business Leaders Executive Round Table, Sponsored by the ABL Organization of San Francisco, San Francisco, CA, 2018.
- Plenary Speaker: At: New Horizons for Medical Marijuana. Sponsored by the Michigan State Bar. Detroit, MI. 2017. **MCLE-accredited event**

- Plenary Speaker: At: 2nd International Symposium on Medical Cannabis Therapeutics. Sponsored by Dartmouth-Hitchcock Medical School. Manchester, NH. 2017. **CME-accredited event, CNE-accredited event**
- Keynote Speaker: At: Marijuana – What Every Lawyer Must Know. Sponsored by the Michigan State Bar. Battle Creek, MI. 2016
- Keynote Speaker. At: Green Flower Media live broadcast. Los Angeles, CA. 2016.
- Plenary Speaker. At: 2016 DUIDLA Summer Seminar. Sponsored by the DUI Defense Lawyers Association: Denver, CO. 2016.
- Keynote Speaker. At: 2016 Holistic Cannabis Summit. Denver, CO. 2016
- Keynote Speaker. At: The Citadel. Charleston, SC. 2016
- Plenary speaker. At: MIAOWIA 2015 Spring Seminar. Sponsored by Michigan Association of OWI Attorneys: East Lansing, MI. **MCLE-accredited event.**
- Plenary Speaker. At: Marijuana DUI, San Francisco, CA. Sponsored by UCLA Continuing Education of the Bar: San Francisco, California. 2015. **MCLE-accredited event**
- Plenary Speaker. At The Business of Cannabis, Oakland, CA. Sponsored by World's Presidents Organization (WPO) San Francisco, WPO Northern California, WPO Santa Barbara, and Young Presidents Organization (YPO) Santa Barbara. 2015.
- Plenary speaker. At: Symposium on Medical Cannabis Therapeutics, Lebanon, NH, 2014. Sponsored by Dartmouth University and the Dartmouth-Hitchcock Medical School. **CME-accredited event, CNE-accredited event**
- Plenary Speaker. At: California DUI Lawyers Association 2014 Conference: DUI-D and DRE, Fresno, CA. **MCLE-accredited event**
- Oral and Written Testimony before the Nevada Advisory Commission of the Administration of Justice's Subcommittee on Medical Use of Marijuana, Las Vegas, NV: August 21, 2014
- Faculty member and plenary speaker. At: Eighth National Clinical Conference on Cannabis Therapeutics, Portland, OR, 2014. Sponsored by Patients Out of Time and the University of California at San Francisco School of Medicine. **CME-accredited event**

- Plenary Speaker. At: Eighth National Clinical Conference on Cannabis Therapeutics, Pre-Conference Workshop, Portland, OR, 2014. **CLE-accredited event**
- Plenary Speaker. At: California DUI Lawyers Association 2014 Conference: DUI Drugs in the State Capitol, Sacramento, CA. **CLE-accredited event**
- Plenary Speaker. “Equating Cannabinoid Concentrations With Psychomotor Impairment: Limitations and Concerns.” At: DUI Drug Cases & DRE: Mastering the Science & Trial Skills, Denver, CO, 2013. Sponsored by International Legal & Forensic Science Services
- Plenary Speaker. At: Colorado Criminal Defense Bar 2013 DUI Conference, Breckenridge, CO, 2013. Sponsored by the Colorado Criminal Defense Bar
- Oral Testimony before the Washington state House of Representatives, House Committee on Public Safety, Olympia, Washington: February 6, 2013.
- Plenary Speaker. At: California Association of Toxicologists Spring 2012 Meeting, San Jose, 2012. Sponsored by the California Association of Toxicologists
- Plenary Speaker. At: Oregon Criminal Defense Lawyers Association 2012 DUI Defense Conference. Silverton, OR.
- Plenary Speaker. At: Café Conversation. Sponsored by the Chabot Space and Science Center. Oakland, CA.
- Plenary Speaker. At: DUID Marijuana Per se Working Group/Drug Policy Task Force, Denver, CO, 2011. Sponsored by the Colorado Commission on Criminal and Juvenile Justice
- Plenary Speaker. At: 40th Annual Convention of the National Association of School Psychologists, New Orleans, LA, 2008.
- Plenary Speaker. At: Fifth National Clinical Conference on Cannabis Therapeutics, Pacific Grove, CA, 2008. Sponsored by Patients Out of Time and the University of California at San Francisco School of Medicine. **CME-accredited event**

Training Seminars:

- Special Session: Driving Under the Influence of Drugs. Washington, DC, 2008. Sponsored by: American Academy of Forensic Sciences (AAFS).

- 34th Annual Meeting of the Society of Forensic Toxicologists. Nashville, TN, 2005. Sponsored by SOFT.
- Developing Global Strategies for Identifying, Prosecuting, and Treating Drug-Impaired Drivers, Tampa, FL, 2004. Sponsored by: The Counterdrug Technology Assessment Center (CTAC) at the Office of National Drug Control Policy; Cosponsored by: The International Association of Forensic Toxicologists (TIAFT), the International Council on Alcohol, Drugs, and Traffic Safety (ICADTS), and the National Institute on Drug Abuse (NIDA).

Education

- Bachelor of Arts, Political Science
Saint Bonaventure University, 1994
Graduated cum laud

Additional Qualifications

- Mr. Armentano has reviewed, summarized, and commented upon thousands of academic studies and white papers pertinent to cannabis use, its pharmacokinetics, and its impact on behavior.
- Mr. Armentano has presented oral and/or written testimony in regard to cannabis policy before various state legislatures and also federal agencies.
- Mr. Armentano is a nationally and internationally recognized expert on the subject of cannabis, the law, the plant's health implications, and public policy. His writing has appeared in over 750 publications, including *The New York Times*, *The Los Angeles Times*, and *Congressional Quarterly*, *Cato Unbound*, as well as in scholarly journals. He has appeared in interviews for hundreds of national and international media outlets, including MSNBC, the BBC, Fox News, and Al Jazeera.
- Mr. Armentano is one of the most quoted experts in the United States in the national media regarding the issue of cannabis and public policy, having been quoted as an authority in hundreds of media in forums such as *The New York Times*, *The Los Angeles Times*, *Scientific American*, *Congressional Quarterly*, and *National Public Radio*.
- Mr. Armentano provides online content to TheAnswerPage.com, an online medical educational resource that provides daily education to healthcare professionals in 120 countries, as well as CME credit. A version of this content is required curriculum for physicians in New York state participating in that state's medical cannabis program.

- Mr. Armentano was a collaborator for the development of the ‘My Canary’ iPhone application, which allows subjects to accurately measure their psychomotor and cognitive performance following cannabis ingestion. The app has been highlighted by *Fast Company*, *CNN*, *The Daily Mail*, *BusinessInsider.com*, and the *International Business Times*, among others.
- Mr. Armentano served as a consultant to the Canadian Public Health Association’s “Pot and Driving” campaign, a project to increase awareness among young Canadians age 14 to 18 about the risks of cannabis-impaired driving.
- Mr. Armentano is the primary content provider for the NORML.org website, one of the most trafficked marijuana content sites in the United States, where he summarizes new developments specific to cannabis, its health effects, and its legal status.
- Mr. Armentano serves of the faculty of Oaksterdam University in Oakland, CA where he serves as the Chair of the Science Department; he lectures on issues specific to the comparative safety and relative efficacy of cannabis and cannabinoids as therapeutic agents.
- Mr. Armentano has served as a columnist for High Times Magazine and the High Times website since 1995, penning hundreds of articles and features.
- Mr. Armentano is a contributing columnist to TheHill.com, an inside-the-Beltway publication and website that is read by the White House and by more members of Congress than any other news and commentary site.
- Mr. Armentano has offered legal consultation in dozens of criminal cases involving issues pertaining to the science of cannabis and/or cannabis policy.