

Initiative 502, which legalized recreational use of marijuana by adults in Washington, dedicated a portion of marijuana tax revenue for research at the University of Washington on short- and long-term consequences of marijuana use. Beginning in FY 2016 and 2017, \$227,000 per year will go to the Alcohol and Drug Abuse Institute (ADAI) for research at the UW and for a public education website.

Before I-502 funds were allocated, the Alcohol and Drug Abuse Institute was already engaged in a variety of research and information dissemination activities related to marijuana use, including:

LearnAboutMarijuanaWA.org website

- Reports & factsheets (pregnancy, health effects, adolescents, driving, etc.)
- Resource pages for parents, teens, Spanish-language, adult consumers
- Information about I-502 related activities, policies in WA and UW
- Resources for getting help with problematic marijuana use
- Videos, radio PSAs & transit ads from state agencies in multiple languages
- In 2015 this website received **nearly one million views** by almost 773,000 users.



ADAI Clearinghouse

The Clearinghouse provides free materials to organizations and individuals in WA, and exhibits at conferences and events around Washington. Materials distributed include publications from NIDA, SAMHSA, DBHR, LCB, Childrens Seattle, and ADAI and SDRG at the University of Washington. In just the first six months of 2015, the Clearinghouse distributed **10,102 printed materials about marijuana** (brochures, posters, fact sheets, some in Spanish and other languages).

<http://adaiclearinghouse.org>

Chronic Pain Management & Marijuana Use: Science-Based Education in Times of Legalization

Funded by the WA Office of the Attorney General, this web-based training offers science-based training and education in the area of chronic pain management and medicinal cannabis use. It was developed for health professionals, including physicians, nurses, osteopaths, pharmacists, and physician assistants, with up to 2.0 *AMA PRA Category 1 Credits™* available for health care providers. In 2015, nearly 8,000 users have viewed the training and 139 have completed CME. The training was selected by the Washington State Pharmacy Association to provide CPE on this topic for pharmacists in Washington. In addition, the entire training was also translated into Portuguese in 2015, and has been used by more than 2,200 viewers.

<http://adai.uw.edu/mcacp/>. Portuguese: <http://adai.uw.edu/mcacp/portuguese/>



Inventory of Evidence-Based Practices for Treatment of Problematic Marijuana Use in Adolescents

ADAI prepared an inventory of evidence-based treatment interventions for adolescents who have marijuana use disorders for DBHR in 2013, and expanded it in 2015 to include evidence- and research-based interventions for treating adolescent substance abuse in general, not just marijuana. The inventory and a related Info Brief will be available on ADAI's website.

Impacts of Cannabis & Cannabis Legalization on Impaired Driving in WA State

Funded by AAA Foundation, this study will examine the relationship between changes in WA state cannabis laws and policies and the incidence of cannabis-impaired driving, using linked toxicological, criminal justice, and crash databases. Secondly, it will examine the relationship between the presence and level of cannabis metabolites in driver blood samples and the severity of driving offense, rates, and police-reported crash severity. The project is being conducted in conjunction with Harborview's Injury Prevention Research Center and will produce papers(s) for peer-reviewed scientific journals as well as Info Briefs for a general audience.

Marijuana Epidemiology in Washington State

Information briefs presenting current Washington state data on adult and adolescent arrests and treatment admissions related to marijuana, data from the Health Youth Survey and other data sources, and an Info Brief on methodologies of surveys on marijuana in Washington and nationally.

Journal of Studies on Alcohol & Drugs (JSAD)

Dr. Dennis Donovan has been appointed as field editor for marijuana-related research for JSAD

Guidance for Researchers at the UW Concerning Marijuana Research

Dennis Donovan participated on this committee to write guidelines for conducting marijuana research at the UW, addressing issues of funding and research on administration of marijuana. http://bit.ly/UW_mjres_guidance

FY 2016 Planned Activities Using I-502 Funds to the University of Washington

Marijuana Research Grants

Modeled on ADAI's Small Grants program, funds are made available to UW researchers for pilot research on the short and long-term effects of marijuana. Four grants were awarded with funds from FY 2016. A separate RFA will be announced for FY 2017 funds, with a due date of March 15, 2016.

Research Scientist Focus on Marijuana

Dr. Bia Carlini, PhD, MPH, ADAI Research Scientist, has been appointed to coordinate ADAI's marijuana research activity, collaborate with other marijuana researchers at the UW, and liaison with policy makers in Washington State and researchers at other universities.

Symposium on Marijuana in Washington 2016

ADAI is planning a second **symposium on marijuana research, policy, and clinical practice**, in June 2016. Our first marijuana symposium in November 2013 drew more than 150 participants from the UW, state and local agencies, and community organizations. adai.uw.edu/mjsymposium/



Other Projects :

- **Fact Sheets and Info Briefs:** (treating adolescent and adult marijuana use disorders; best practices for screening and assessment; vaping; older adults; child welfare issues; dual use of tobacco and marijuana; mental illness, e.g. bipolar disorders, schizophrenia and PTSD; updates to existing factsheets and briefs)
- **Data Visualization Project** (using GIS and available data sources about marijuana, create a dynamic online tool to visually display impacts for specific communities, e.g. counties, cities, census tracts)
- **Website Updates** (update the LearnAboutMarijuanaWA.org website; adapt for mobile devices)
- **Clearinghouse Resources** (print or purchase best available printed materials on marijuana for distribution to organizations and individuals in Washington)

ADAI Areas of Expertise and Interest on Marijuana

- Treatment of marijuana dependence and harmful use
- Marijuana and co-morbid psychiatric conditions
- Implementation research on treatment interventions
- Prevention and treatment research with Tribal Communities in Washington
- Interventions for users who want to reduce / stop marijuana use
- Co-occurring marijuana and tobacco use
- Medicinal cannabis training for health professionals
- Screening and assessment by healthcare and social service providers
- Consumer education (e.g. medicinal cannabis, safer use for recreational users)
- Marijuana and driving
- Marijuana GIS research, e.g. impact around retail marijuana stores
- Epidemiology: population-based measurement of marijuana