

Cannabis Research Center 2024 Small Grants Program Funding

April 2024

The Cannabis Research Center is funding the following research projects through the 2024 Small Grants Program.

Cannabis use and attitudes among Minnesota youth: Exploring differences across time and intersecting social identities

Principal Investigator: Marla Eisenberg, ScD, MPH, School of Medicine & School of Public Health

Co-Investigator: Amy Gower, PhD, School of Medicine

Aims: This study will use data from the Minnesota Student Survey administered to middle- and high-school students (ages 12-19) to explore:

1. How have rates of current (i.e., past 30-day) marijuana* use changed in the past decade (2013-2022) as state policy has advanced towards legalization? Do trends differ across social identities of race/ethnicity, sexual orientation, and gender identity?
2. In 2022, how did frequent marijuana* use, cannabis vaping, and perceived risks, norms, and social approval about cannabis use differ across intersecting social identities?
3. In 2022, how does stigma (racist, homophobic, transphobic bullying) explain any potential observed disparities in marijuana* use?

**Note: while the Cannabis Research Center generally uses the term cannabis, the Minnesota Student Survey uses the term marijuana.*

Dosage, efficacy, and adverse events of medical cannabis in Minnesota residents

Principal Investigator: Angela K. Birnbaum, PhD, MLS (ASCP), Professor, College of Pharmacy

Co-Investigator: Jeannine M. Conway, PharmD, Associate Professor, College of Pharmacy

Aims: This study will analyze data from the Minnesota Medical Cannabis Program to:

1. Define the CBD (cannabidiol) and THC (tetrahydrocannabinol) dosages in medical cannabis products used in current practice for pain and seizures in the Minnesota Medical Cannabis Program.
2. Determine the association between doses of CBD and THC in medical cannabis products and the correlation to specific adverse events and available outcome data in patients with indications for seizures and/or pain.

The Cannabis Research Center was established to answer the most important research questions related to cannabis and health. We are delighted to collaborate with and support experts from across the health sciences as they explore cannabis use and the impact of cannabis on different populations in Minnesota.