

NEWS RELEASE

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INSTITUTE OF CANNABIS RESEARCH ANNOUNCES 2024 RESEARCH AWARDEES

(Pueblo, CO) — The Institute of Cannabis Research (ICR) announced \$800,000 in grants to six new research projects for the 2024 grant cycle. The studies for 2024 include analyzing intoxication by cannabis and alcohol co-use; adverse health effects resulting from vaping; and the effects of CBD on children with autism spectrum disorder. These, among others, represent new projects for the ICR this fiscal year.

“Our grant program supports projects that generate unbiased scientific knowledge to benefit Colorado residents,” said Dr. Chad Kinney, Director at ICR. “These six studies will advance that knowledge in areas critical to science, medicine and the effects of cannabis on those who use it. We are now funding a total of 20 studies with some of the top cannabis researchers in the country.”

The six studies for 2024 include:

Increasing the Analytical Testing Capability of Cannabinoids and Concomitant Phytomolecules in Cannabis-derived Plant Matrices – Dr. William Baurerle, Colorado State University, Fort Collins

Developing predictive models to distinguish alcohol use, cannabis use and co-use: an exploration of electroencephalography (EEG) metrics and traditional intoxication measures – Dr. Hollis Karoly, CO PI and Dr. Patti Davies, Colorado State University, Fort Collins

Investigation of polycyclic aromatic hydrocarbons resulting from vaped or dabbed cannabis/cannabis-derived products with known adverse health effects – Dr. Alison Bauer, University of Colorado Anschutz Medical Campus

Identifying the neuronal cell-types responsible for the rewarding and aversive properties of THC – Dr. David Root, University of Colorado, Boulder

Examination of the bi-directional interactions between phytocannabinoids and a human-associated gut microbiota – Dr. Jessica Prenni, CO PI and Dr. Tiffany Weir, Colorado State University, Fort Collins

Endocannabinoids in Children with Autism Spectrum Disorder and Changes with Cannabidiol (CBD) treatment – Dr. Nicole Trataglia, University of Colorado Anschutz Medical Campus

(more)

In addition to funding studies with Colorado researchers, the ICR has an in-house researcher who focuses on the impact of environmental factors on cannabis growth and cannabinoid production, with the aim of developing an ideal cultivation system that maximizes cannabinoid quality and quantity. A second internal researcher who will focus on biomedical research will begin working with the ICR in late-2023.

The ICR hosts the Cannabis Research Conference in partnership with Oregon State University's Global Hemp Innovation Center. The conference, now in its eighth year, features leading scientific research from scientists at top universities, government, law, and businesses from Colorado, as well as from national and international organizations. The conference features more than 200 presentations, exploring the latest in unbiased cannabis science to inform applications in medicines, foods, materials, textiles and public policy with an aim to improve people's lives and better society. The 2024 conference will be held in August at Colorado State University, Fort Collins.

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About ICR

The Institute of Cannabis Research was authorized by the State of Colorado in 2015 and is funded in part by the State's Marijuana Cash Tax Fund. The ICR is located at Colorado State University – Pueblo and its mission is to conduct or fund research, in Colorado, related to cannabis and publicly disseminate the results of the research. The institute's Governing Board is appointed by the Governor's office and includes representatives from research institutions and the cannabis industry. The institute's website is at www.instituteofcannabisresearchcolorado.org.

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