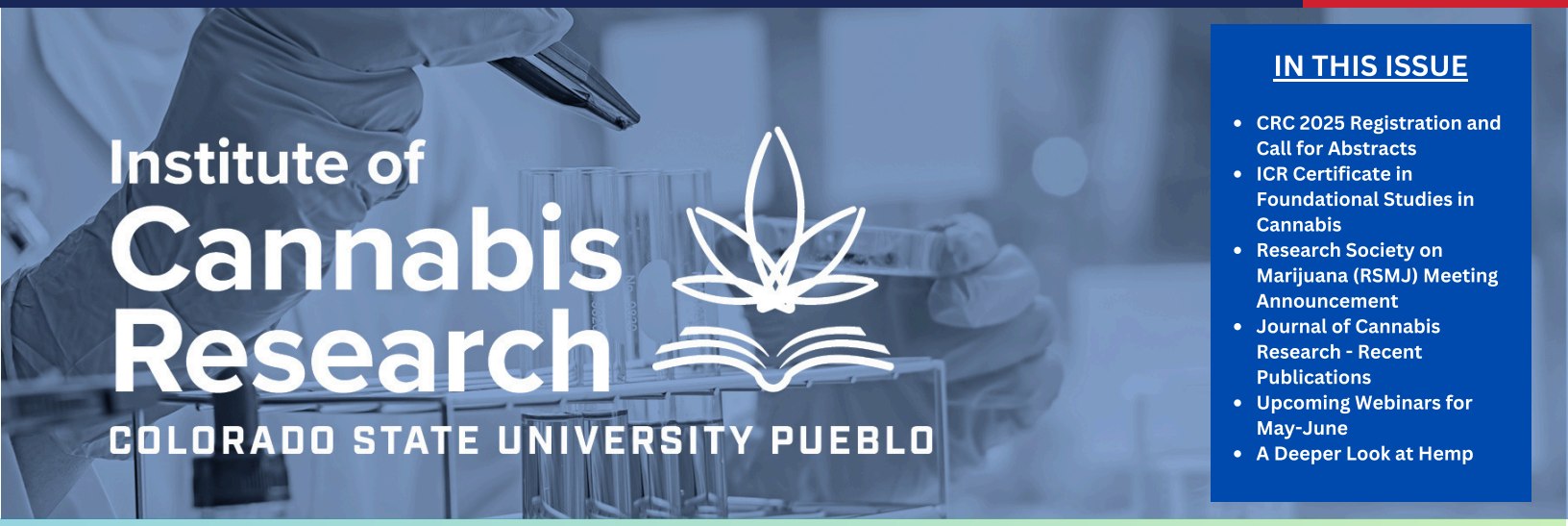


IN THIS ISSUE

Cannabis Research Conference 2025

Registration for the CRC 2025 is Open!!!

Registration

Abstract Submission

ICR Certificate in Foundational Studies in Cannabis - CSU Pueblo

Cannabis Education Opportunities at the ICR and CSU Pueblo

The ICR is launching a new **Certificate in Foundational Studies in Cannabis**. This course of study is for a variety of professionals with an interest in cannabis as it relates to their engagement with cannabis in medicine, public health, agronomy, chemical analysis, research, and research regulations. The program will also educate anyone with a lay interest in cannabis for medicinal or other purposes.

Accredited by the Colorado Commission on Higher Education, the 16-credit certificate will be offered starting in the fall semester of 2025 through Colorado State University Pueblo Extended Studies with online offerings that can be completed by students at any location worldwide.

The coursework is entirely entry-level and includes:

- **An Introduction to the Scientific Basis for the Regulation of Cannabis**
- **Basic Human Physiology of Cannabis Consumption**
- **Introduction to the Analytical Chemistry of Cannabinoids and Terpenes**
- **Introduction to Agriculture and Cultivation of Cannabis**
- **Introduction to Hemp Materials**
- **Introduction to Cannabis Science and**

Anyone interested in learning more about this exciting new opportunity to improve their understanding of the current scientific cannabis knowledge can contact Dr. Jeff Smith at the ICR: **jeff.smith@csupueblo.edu**

The ICR Certificate in Foundational Studies in Cannabis compliments additional opportunities to gain expertise in cannabis science which are offered at CSU Pueblo. Programs on campus include a **Minor in Cannabis Studies** which students can combine with any other degree, a **Bachelor of Science Degree in the Biology and Chemistry of Cannabis,** or even a **Master of Science Degree in the Biology and Chemistry of Cannabis,** for those wishing to take their education to a graduate level. Educational opportunities in cannabis at CSU Pueblo include a wealth of hands-on learning opportunities where students can work directly with professors on scientific research projects. For more information contact Dr. Jeff Smith at **jeff.smith@csupueblo.edu**

Journal of Cannabis Research

Journal of Cannabis Research

The *Journal of Cannabis Research* (JCR) is the official publication of Institute of Cannabis Research. It is the only broadly multidisciplinary journal of cannabis research, encompassing not only clinical and scientific research, but also research into social, business, economic, legal, environmental, and ethical impacts of cannabis use and the changing legal status of cannabis. To learn more about the aims and scope of the journal as well as submission guidelines, please visit: *Journal of Cannabis Research*

Recent Articles:

- **Feasibility pilot of a novel coaching intervention to optimize cannabis use for chronic pain management among Veterans**

- **Sleep, psychological symptoms, and cannabis use before, during, and after COVID-19 "stay-at-home" orders: a structural equation modeling approach**

RSMj 9th Annual Scientific Meeting
July 18 - 20, 2025

Detroit Marriott Renaissance Center, **Detroit, MI**

For more details or to register, visit researchmj.org/meeting

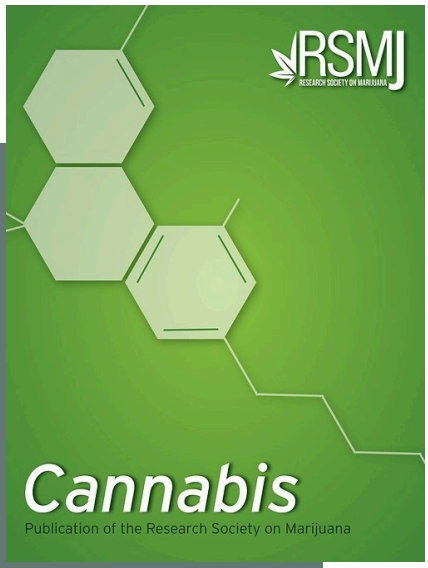
RSMJ RESEARCH SOCIETY ON MARIJUANA & Michael G. DeGroote CENTRE FOR MEDICINAL CANNABIS RESEARCH

The RSMj 9th Annual Meeting will be held in Detroit, MI, from July 18 - 20, 2025, at the Detroit Marriott Renaissance Center. As we did last year, the meeting will be held in collaboration with the Michael G. DeGroote Centre for Medicinal Cannabis Research, a joint research centre of McMaster University and St. Joseph's Healthcare Hamilton.

KEYNOTE SPEAKERS

James MacKillop, Ph.D.
Professor, Psychiatry & Behavioural Neurosciences
McMaster University

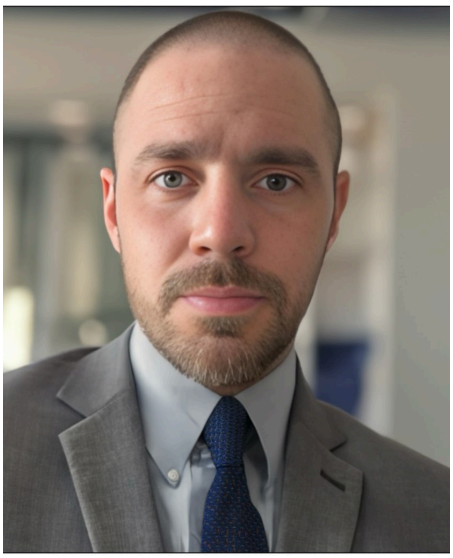
Erin Bonar, Ph.D.
Professor, Department of Psychiatry
University of Michigan



Cannabis is now accepting papers for a special issue on **perinatal cannabis use.** As cannabis legalization expands and social attitudes shift, perinatal cannabis use has become an increasingly important area of research. Understanding the complexities of cannabis use during pregnancy and postpartum—including its motivations, patterns, social and structural determinants, and potential consequences—is critical for informing clinical practice, public health policy, and intervention efforts. This Special Issue of *Cannabis* provides a venue for original reports, brief reports, reviews, and opinion articles that explore perinatal cannabis use from multidisciplinary perspectives. **Guest Editors: Rachel Gunn, PhD and Lauren Micalizzi, PhD**

To view current research or submit, visit **researchmj.org/journal**

Upcoming Webinars



Dan Covey, PhD

CANNABIS RESEARCH WEBINAR SERIES

May

TITLE: **Effects of isolated cannabinoids and endocannabinoids on emotional behavior in rodents**

DATE: **May 9th, 1:00PM MST** **REGISTER HERE:**

Dr. Covey is currently an Assistant Professor at Lovelace Biomedical Research Institute (LBRI) in Albuquerque, New Mexico. He started this position in June 2020 after completing his PhD at Illinois State University and a postdoctoral fellowship at the University of Maryland in Baltimore. He leads a competitive research group who combines state-of-the-art techniques capable of simultaneously monitoring and controlling neuronal activity in real time to understand motivation, learning, and reinforcement in health and disease. A primary focus of Dr. Covey's research has been understanding the cellular mechanisms by which cannabinoids and endocannabinoids influence dopamine function and motivated behaviors.

Devan Kansagara MD MCR

CANNABIS RESEARCH WEBINAR SERIES

June

TITLE: **Systematically Testing the Evidence on Marijuana (STEM): Bridging the science of cannabis health effects and clinical practice**

DATE: **June 12th, 1:00PM MST** **REGISTER HERE:**

Devan Kansagara MD, MCR is a Professor of Medicine at Oregon Health and Science University. He practices and teaches primary care and hospital-based internal medicine in the VA Portland Health Care System. His work in evidence-based medicine has focused on improving the translation of evidence to practice through evidence-based health policy, clinical guideline development, and data use innovations. He has done health policy and guideline development work for the state of Oregon, the American College of Physicians, and the American Society of Addiction Medicine. He is currently the principal investigator of the Systematically Testing the Evidence on Marijuana (STEM) project whose goals are to empower clinicians to have evidence-informed discussions with patients, and to facilitate more health outcomes research on cannabis. He received an MD from the University of Connecticut School of Medicine, completed residency training and his chief residency at Yale University, and received his Masters in Clinical Research from Oregon Health and Science University.

Upcoming Webinars

Nolan Kane, PhD

CANNABIS PLANT SCIENCE & CULTIVATION SERIES

May

DATE: **May 21st, 11:00AM MST REGISTRATION**

TITLE: **Genetics, chemistry and the evolution of sex chromosomes in Cannabis**

Dr. Nolan Kane is an associate professor in the ebio department at the university of Colorado, boulder. he uses genomic approaches to study adaptation to new environments, domestication of wild plants into valuable crops, and the formation of new species. his work has focused on sunflowers (Helianthus), flax (Linum) and hemp (Cannabis). he has been an author of 136 scientific publications. his work has been highlighted in national geographic, rolling stone, science magazine, Colorado public radio, and national public radio.

Carolina Corredor-Perilla, PhD

CANNABIS PLANT SCIENCE & CULTIVATION SERIES

June

DATE: **June 18th, 11:00AM MST REGISTRATION**

TITLE: **Rhizosphere Microbiome Dynamics from Unplanted Soil to Cannabis Cultivation in a Controlled Environment**

Carolina Corredor, Ph.D. in Agroecology and Agricultural Microbiologist, specializes in cannabis cultivation, plant physiology, plant–microbe interactions, and seed viability. With over six years of teaching experience in biology and microbiology, her research focuses on optimizing sustainable cannabis production for cannabinoids, fiber, and grain. As a Visiting Research Scholar and Postdoctoral Researcher, she has investigated the role of beneficial microbes in nutrient uptake, pathogen suppression, phosphorus-solubilizing microbes, and how environmental factors like humidity affect plant growth and cannabinoid yield. Her work also includes rhizomicrobiome successions through plant growth stages, and the impact of seed aging on germination and biochemical quality.

Webinar Archive

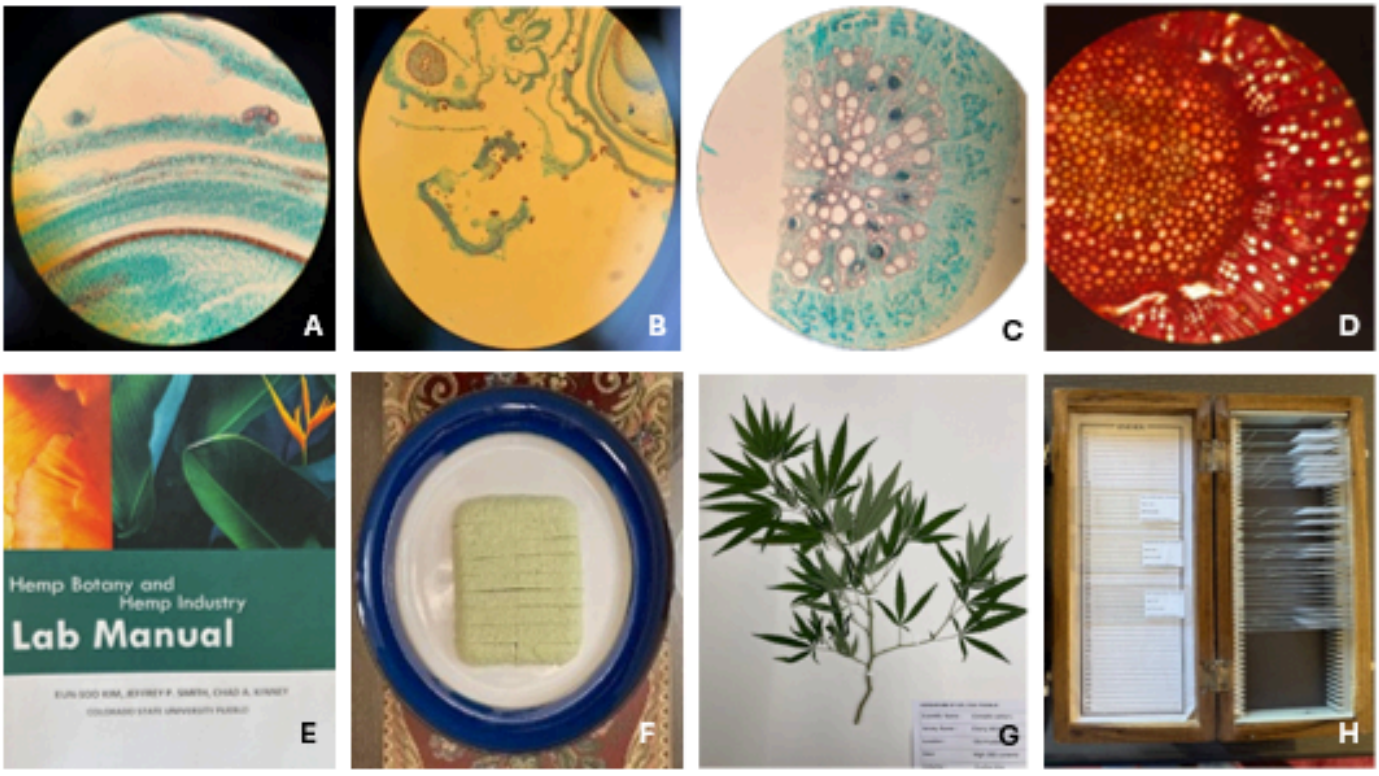
A Deeper Look At Hemp

Photos by Dr. Eun-Soo Kim

Hemp Education

The Institute of Cannabis Research has been working with the CBC Program for the past several years to help students' education with hemp. As a guest lecturer, Dr. Kim recently taught the CBC students in the classroom and in the lab using various hemp specimens he made. The photos in the upper row are the images taken by students through a light compound microscope (A. seed; B. bract; C. root; D. stem). Dr. Kim has also created a laboratory manual for hemp experiments as shown in the lower row (E. lab manual; F. hemp food (tofu); G. herbarium specimen; H. microscope slide set).

Image courtesy of Dr. Eun-Soo Kim (Visiting Scientist-ICR)



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