



SOUTHERN ILLINOIS HEMP/CANNABIS SYMPOSIUM

SATURDAY, MARCH 26, 2022
WWW.CANNABISCENTER.SIU.EDU



Thank you for joining us for the 2nd Annual Southern Illinois Hemp/Cannabis Symposium. This event is geared towards those in the Cannabis industry with medical and recreational hemp/Cannabis interests. This event will offer information on laws, regulations, the establishments of standards in the Cannabis industry, and more. Experts will discuss the status of delta-8 THC and research on the use of cannabinoids in treatment of COVID-19 and cancer. Vendors will be onsite to demonstrate advances in production technologies, as well as end products for the consumer.

Please enjoy a complimentary brunch before the speakers begin, and lunch afterwards.

SCHEDULE OF EVENTS - SPEAKER INFORMATION ON REVERSE

- 8:30 – 8:45am** GARY KINSEL - WELCOME TO SIU CARBONDALE
- 8:45 – 9:15am** MARK PEYSAKHOVICH - 2022 UPDATE ON IL HEMP/CANNABIS LEGISLATION AND REGULATION
- 9:15 – 9:45am** LEZLI ENGELKING - CANNABIS STANDARDS TO PROTECT PUBLIC HEALTH, CONSUMER SAFETY, AND THE ENVIRONMENT
- 9:45 – 10:15am** JOHN MURRAY AND ERIK CARLSON - DELTA-8 THC AND BEYOND: A DISCUSSION ON MINOR, NOVEL, AND SYNTHETIC CANNABINOIDS
- 10:15 – 10:30am** BREAK / VENDORS
- 10:30-11:30am** MARSHA ROSNER - CANNABIDIOL INHIBITS SARS-CoV-2 REPLICATION AND PROMOTES THE HOST INNATE IMMUNE RESPONSE
- 11:30-12:00pm** MARY KINSEL - DETERMINATION OF CONTENT VERSUS LABEL CLAIM OF CANNABIDIOL-CONTAINING CONSUMER PRODUCTS
- 12:00-12:30pm** BUCK HALES - CANNABIS MEDICINE: CANCER AND THE ENDOCANNABINOID SYSTEM
- 12:30-2:00pm** END OF PRESENTATIONS, LUNCH, VENDOR SESSION BEGINS



JOIN US FOR AN
AFTER SESH, SATURDAY
MARCH 26 @ 3PM
AT BUCKWATER BREW
WORKS IN CARBONDALE

SIU SOUTHERN ILLINOIS UNIVERSITY
CARBONDALE **CENTER FOR
CANNABIS SCIENCE**

THANK YOU TO OUR VENDORS:

- AES Solar
- AreosourceH
- Consume Cannabis Co.
- Jain Irrigation
- Performance Grow
- Squish / Lawler and Lawler
- Sustainable Innovations Inc.
- Valoya Inc.
- Versaponics

SPEAKER INFORMATION

Welcome to SIU Carbondale 8:30-8:45am

Dr. Gary Kinsel, Vice Chancellor of Research, Southern Illinois University (SIU) Carbondale

Prof. Kinsel currently serves as the Vice Chancellor of Research for Southern Illinois University Carbondale and is one of the founding members of the SIUC Center for Cannabis Science. He is an analytical chemist and mass spectrometrists by training and has an interest in the development / application of hemp/cannabis testing methodologies.

2022 Update on Illinois Hemp/Cannabis Legislation and Regulation 8:45-9:15am

Mark Peysakovitch, Managing Partner, MBM Advantage LLC

Mark Peysakhovich is the Managing Partner of MBM Advantage LLC, a firm that provides legislative and public affairs consulting as well as community outreach, alliance building and business development services to a diverse set of clients in sectors ranging from Cannabis to construction to healthcare and human services. Mark has 30 years of public affairs, community engagement and management experience, having previously held a variety of leadership positions in the public health and human services sector.

Cannabis Standards to Protect Public Health, Consumer Safety, and the Environment 9:15-9:45am

Lezli Engelking, Founder and President of the Foundation of Cannabis Unified Standards (FOCUS)

Lezli Engelking is the Founder and President of Foundation of Cannabis Unified Standards (FOCUS). After receiving her Bachelor of Science in Communication and Statistics from Arizona State University, Lezli spent over two decades in the mental health and pharmaceutical sectors. Her keen understanding around the importance of quality and safety gained during her 12-year tenure with Eli Lilly prompted her to pivot and apply her expertise to the burgeoning Cannabis industry. Ms. Engelking has been an executive leader in the Cannabis industry since 2011, when she opened the first chain of vertically integrated medical cannabis operations in Phoenix, Arizona. Through her experiences in that role, Ms. Engelking realized the critical need for cannabis-specific quality and safety standards in an emerging and rapidly growing industry.

Delta-8 and Beyond: A Discussion on Minor, Novel, and Synthetic Cannabinoids 9:45-10:15am

John Murray, President of Sustainable Innovations, Inc.

John Murray will discuss the societal status of delta-8 THC in modern day.

Cannabidiol Inhibits SARS-CoV-2 Replication and Promotes the Host Innate Immune Response 10:30-11:30am

Dr. Marsha Rosner, Charles B. Huggins Professor, University of Chicago Cancer Center

Professor Marsha Rosner is among the founders of the field of signal transduction with extensive experience for over 30 years studying signaling pathways and networks. Her group published one of the original papers characterizing MAP kinase (later called ERK), characterized MAP kinase family networks in breast cancer and proposed novel approaches to treatment. The current focus of the Rosner lab is to understand fundamental signaling mechanisms leading to the generation of tumor cells and their progression to metastatic disease, particularly in triple-negative breast cancer that lacks targeted therapies. Her lab has utilized a specific physiological suppressor of metastasis, Raf Kinase Inhibitory Protein (RKIP or PEBP1), and a downstream target of RKIP in cells, BACH1, to identify both molecular and cellular mediators of metastasis. Most recently Professor Rosner has examined the potential interactions between cannabinoids and the SARS-CoV-2 virion.

Determination of Content Versus Label Claim of Cannabidiol-Containing Consumer Products Using HPLC with UV-Vis Detection 11:30am-12:00pm

Dr. Mary Kinsel, Director of Mass Spectrometry Facility at SIU

Dr. Mary Kinsel is an analytical chemist with 29 years of experience using chromatographic separations with photodiode array or mass spectrometric detection to characterize complex samples. Dr. Kinsel's laboratory provides testing of cannabinoids, terpenes, and metals profiling and quantitation to support industrial hemp research on the SIU campus. Dr. Kinsel has a personal interest in developing and optimizing methods for Cannabis/hemp-derived consumer product testing.

Cannabis Medicine: Cancer and The Endocannabinoid System 12:00-12:30pm

Dr. Buck Hales, Professor and Chair, Department of Biomedical Science, SIU School of Medicine

Dr. Buck Hales obtained his PhD in Biochemistry from University of Colorado and is an expert in steroid hormone biochemistry and reproductive physiology. Dr. Hales' laboratory studies ovarian cancer using the laying hen as our model. The laying hen is the only natural animal model of spontaneous ovarian cancer that replicates the human disease. His work has shown that diets supplemented with flaxseed cause a reduction in the incidence and severity of ovarian cancer and he continues to explore the molecular mechanisms that drive the cancer prevention actions. His lab's current studies explore hemp cannabinoids for cancer prevention and aim to understand the role of diet and the endocannabinoid system in ovarian cancer.