

	Tuesday, October 20						
6:00 AM - 3:00 PM	Registration Info Desk Foyer Floor 1						
6:30 AM - 7:30 AM	Funrise Poolside Yoga						
7:00 AM - 8:00 AM	Breakfast Grand Room Floor 1						
8:00 AM - 9:55 AM	Concurrent Session #1						
LOCATION	SHUTTERS WEST I	SHUTTERS WEST II	SHUTTERS EAST I	SHUTTERS EAST II	COURTYARD 1	COURTYARD II	BRICKSTONES
Track	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Processes And Uses Track Chair/s: Kelly Vining, Shelby Ellison	Plant Genetics & Chemistry Track Chair/s: Jacob MacWilliams, Punya Nachappa	Plant Physiology, Biology, And Cultivation Track Chair/s: David Gang, Everald McIennon, Nirit Bernstein	Regulatons & Policy Track Chair/s: Mike Lomuto, Riana Durrett, Robert Mejia
Session	Sex Effects of Cannabis Session Chair/s: Margaret Haney	Cannabinoid Use In Special Populations Session Chair/s: Emily Lindley, Jacci Bainbridge, Rachael, Rzasz Lynn	Cannabis, Cannabinoids, And Cancer: Mechanisms, Symptom Management, And Emerging Therapies Session Chair/s: Sara Jane Ward, Ana Gamero	Hemp's Expanding Role In The Bioeconomy: Regenerative Systems, Climate Mitigation, And Biobased Innovation Session Chair/s: Hunter Buffington	Ecological And Molecular Mechanisms of Biotic And Abiotic Stress Responses In Cannabis Sativa Session Chair/s: Jacob MacWilliams, Punya Nachappa	Healthful Production of Hemp: A "One Health" Framework Session Chair/s: Derrick Grunwald	Regulating In Times of Change: Insights And Lessons Learned From Marijuana And Hemp Regulators / Session Chair/s: Gillian Schauer
8:00 AM - 8:25 AM	Sex Differences In The Effects of Smoked Cannabis On Subjective Intoxication, Blood Cannabinoid Concentrations, And Driving Simulator Performance Presented By Kyle Mastropietro	PANEL DISCUSSION: Epidemiology of Cannabis Use in Middle-Aged and Older Adults and Associations with Cognitive Functioning Presented By Ofir Livne		Apparent Digestibility of Full-Fat and Defatted Hemp Heart Meal in Juvenile Rainbow Trout, Oncorhynchus Mykiss Presented By Femi Fawole	Variation in Cannabis Sativa Transcription Factor Families Between Genome Databases Presented by Craig Schluttenhofer	Occurrence and Distribution of Common Diseases and Pests of U.S. Cannabis: How A Survey Benefits Growers Presented By Kimberly Leonberger	PANEL DISCUSSION: Colorado Cannabis Regulation Evolution and Insights Presented by Brandon Jeffery
8:30 AM - 8:55 AM	Adolescent Vaporized Cannabis Impairs Prefrontal Cognitive Flexibility and Reveals a Female-Specific Signature of Parvalbumin Interneuron Hyperexcitability Presented By Ryan McLaughlin		Evaluation of Cannabinoid Analogue, a Novel GPR55 Receptor Antagonist as a Potential Anticancer Agent for Solid Tumors Presented by Ana Gamero	Assessing Environmental, Soil, And Agronomic Benefits Provided By Red Clover Cover Cropping in Hemp (Cannabis Sativa L.) Presented By Grace Connelly	Dual RNA Sequencing Reveals the Transcriptomic and Cellular Response of Cannabis Sativa to Infection by the Fungal Pathogen Sclerotinia Sclerotiorum Presented by Mark Belmonte	Effects of Leaf Spot Diseases on Cannabinoid Yield Presented By Nicole Gauthier	Insights And Lessons Learned from Nevada Presented By Kara Cronkhite Massachusetts Mission To Create Evidence-based Cannabinoid Policy Presented by Julie Johnson A Hawai'i Perspective on Cannabis and Cannabinoid Product Oversight Presented by Andrew Goff
9:00 AM - 9:25 AM	Sex and Gender Analysis of Next-Day Driving Performance Presented By Patricia Di Ciano		A Novel GPR55 Receptor Antagonist and Synthetic CBD Analogue Reverses CIPN While Preserving Chemotherapeutic Efficacy In A Tumor-Bearing Rat Model Presented By Sara Jane Ward	Fiber Hemp In the Bioeconomy: Opportunities and Tradeoffs in Regenerative Agriculture and Low-Carbon Materials Presented By Marguerite Bolt	Unlocking The Potential of Regenerative Organic Practices for Sustainable Hemp Cultivation Presented By Punya Nachappa, Max Schmidbauer	Evaluation of Fungal Contamination of S1084 Hemp Grain Materials Grown in Wisconsin and Michigan in 2024 Presented by Derrick Grunwald	A California Perspective on Cannabinoid Product Oversight Presented by Christina Dempsey
9:30 AM - 9:55 AM	Acute Effects of Cannabis on Alcohol-induced Immune and Metabolic Responses In A Human Laboratory Study Presented by Carolina Haass-Koffler	Listening To and Learning from Community Voices To Inform Cannabis Education For Youth and Their Trusted Adults Presented By Erica Stupp	The Effects of Cannabis on Cancer Burden Outcomes: A Clinical Trial Protocol Presented By Shanna Babalonis	Hemp Shiv Absorption and Drying Timing in Soil Treatment and Hempcrete Applications Presented by Blake Childs	Fusarium Head Blight: A New Concern for Field-Grown Hemp Presented by Nicole Gauthier, Henry Smith	Failure of Post-Harvest Decontamination in Cannabis: Advancing Biological Strategies to Prevent Fungal Contamination Presented By Saji George	
9:55 AM - 10:10 AM	Break With Exhibitors Foyer						
10:10 AM - 11:40 AM	Concurrent Session #2						
LOCATION	SHUTTERS WEST I	SHUTTERS WEST II	SHUTTERS EAST I	SHUTTERS EAST II	COURTYARD 1	COURTYARD II	BRICKSTONES
Track	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Processes And Uses Track Chair/s: Kelly Vining, Shelby Ellison	Plant Genetics & Chemistry Track Chair/s: Jacob MacWilliams, Punya Nachappa	Regulatons & Policy Track Chair/s: Mike Lomuto, Riana Durrett, Robert Mejia	Regulatons & Policy Track Chair/s: Mike Lomuto, Riana Durrett, Robert Mejia

Session	Sex Effects of Cannabis Session Chair/s: Margaret Haney	Cannabinoid Use In Special Populations Session Chair/s: Emily Lindley, Jaci Bainbridge, Rachael, Rzasz Lynn	Cannabis, Cannabinoids, And Cancer: Mechanisms, Symptom Management, And Emerging Therapies Session Chair/s: Sara Jane Ward, Ana Gamero	Hemp's Expanding Role in the Bioeconomy: Regenerative Systems, Climate Mitigation, and Biobased Innovation Session Chair/s: Hunter Buffington	From Seed Biology To Industrial Innovation: Integrative Advances In Hemp Seed Science Session Chair/s: Ameneh Tarakemeh, Aaron Appleby	Regulatory Oversight Gaps And Public Health Risk In The Hemp-Derived Era	Legalization Lessons Learned: State Wins, Warnings, And What Comes Next Session Chair/s: Robert Mejia, Mike Lomuto
10:10 AM - 10:35 AM	Six-Week Monitoring of Women's Cannabis Withdrawal Symptoms Pilot: Plasma Cannabinoids and Menstrual Cycle Changes Presented By Veronica Szpak	Adolescent Alcohol Use Trends In California Before and After Cannabis Legalization and COVID-19 Presented By Kelly Young-Wolff	Tumor Altering Effects of Cannabinoid Agonists (ACEA, JWH-133, CP55,940 and Cannabidiol) In Our Breast (At-3 Cancer Cell Lines) Cancer Wild-Type (C57bl/6j) Mice Model Presented By Josee Guindon	Whole Plant Economy: Industrial Hemp's Potential as A Bioeconomy Crop Presented By Hunter Buffington	Industrial Hemp Seed Heart as an Emerging Source of Food Protein Ingredient Presented By Vermont Dia	Unintended Consequences: Negative Health Effects of Herbal Medicine Ingredients in Regulated Cannabis Products Presented By Richard Holdman	State Cannabis Tax Policy, Competitive Advantage Index Development, And Public Revenue Allocation in The United States Presented By Jonathan Shepherd, Tyler Mark
10:40 AM - 11:05 AM		Cannabidiol Study for Children with Autism Spectrum Disorder (Cascade): Placebo-Controlled Crossover Trial of CBD for Treatment of Irritability and Aggression In Children with ASD Presented By Nicole Tartaglia, Elise Sannar	PANEL DISCUSSION: Leveraging NCI Collaborative Efforts to Assess Benefits and Harms of Cannabis Use among Individuals with Cancer: Overview of Five U01 Studies Panelists: Robert Lee, Yan Wang, Beth Reboussin, Reina Haqueew, Shannon Nugent	From Field to Plate: Evaluating Baby Leaf Hemp for Use as a Novel Food Ingredient Presented By Maxwell Leung	Proteomic Identification of Hemp (Cannabis Sativa) Seeds by Tandem Mass Spectrometry and Evaluation of Cytotoxic Activity Presented By Taran Harris	Regulatory Outlook for Dermal and Transdermal Cannabinoid Delivery Systems Presented By John Adamovics	Digital Forensics, Whistleblowing, And the Visibility of Fraud in Decentralized Contested Markets Presented By Heather Carrasco
11:10 AM - 11:35 AM		Secondhand Cannabis Smoke Exposure: Prevalence, Personal Use, and Neurocognitive Trajectories Over Time in Adolescents Presented By Jenicca Bastien, Natasha Wade			Seed Composition and Proteomics Comparison of Landrace and Cultivated Hemp Towards Fuel and Feed Markets Presented by Babu Valliyodan	Weedetection: Multi-Platform Detection System to Identify and Characterize Both Commercial and Illegal Sales of Cannabis- Derived Products Presented By Timothy Mackey	Recreational Cannabis Laws and Advancing Social and Health Equity: A Scoping Review Presented By Rhonda Jones-Webb, Diana Augustin
11:50 AM - 1:05 PM	Lunch Great Room						
	Mechoulam Lecture						
1:05 PM - 1:15 PM	Break						
1:15 PM	Concurrent Session #3						
LOCATION	SHUTTERS WEST I	SHUTTERS WEST II	SHUTTERS EAST I	SHUTTERS EAST II	COURTYARD 1	COURTYARD II	BRICKSTONES
Track	American Jurisprudence Track Chair/s: Ian Rassman, Joshua Bauchner, Trisha Zulic, Mary Celeste	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen	American Jurisprudence Track Chair/s: Ian Rassman, Joshua Bauchner, Trisha Zulic, Mary Celeste	Plant Genetics & Chemistry Track Chair/s: Jacob MacWilliams, Punya Nachappa	Regulatons & Policy Track Chair/s: Mike Lomuto, Riana Durrett, Robert Mejia	Regulatons & Policy Track Chair/s: Mike Lomuto, Riana Durrett, Robert Mejia
Session	Marijuana Rescheduling: Past, Present, And Future Session Chair/s: Alex Kreit	Cannabinoid Use In Special Populations Session Chair/s: Emily Lindley, Jaci Bainbridge, Rachael, Rzasz Lynn	Exploring The Therapeutic Potential of Cannabinoids For Pain Session Chair/s: Emily Lindley, Jaci Bainbridge, Rachael Rzasz Lynn	Rescheduled, Not Safe For Work: Cannabis, Schedule Iii, And The New Fault Lines In Employment Law	From Seed Biology To Industrial Innovation: Integrative Advances In Hemp Seed Science Session Chair/s: Ameneh Tarakemeh, Aaron Appleby	Legalization Lessons Learned: State Wins, Warnings, And What Comes Next Session Chair/s: Robert Mejia, Mike Lomuto	Cannabis in Indian Country Session Chair/s: Riana Durrett, Jordyn Sanders

1:15 PM - 1:40 PM	Cannabis and the Courts: Neurobiology, Treatment, and Emerging Jurisprudence Presented By Linda Hurley	Cross-Sectional And Longitudinal Associations Between Cannabidiol Use and Health Outcomes in Adults Aged 65 And Older: Findings from The Realm of Caring Observational Research Registry (ORR) Presented By Matthew X. Lowe	Antinociceptive And Anti-Inflammatory Effects of Different Full-Spectrum Oils of Phytocannabinoids in Mice Models of Pain Presented By Marianna Junger	Workplace Cannabis in Transition: A Conversation with Judge Mary Celeste (Ret.) And HR Expert Trisha Zulick Presented By Mary Celeste, Trisha Zulick	Upstream and Downstream Approaches to Resolve the Notoriously Poor Solubility of Hemp Protein for Market Success Presented by Baraem P. Ismail	PANEL DISCUSSION: Part One: The Implementation Gap: What States Get Right And Wrong After Legalization Presented by Rob Mejia	PANEL DISCUSSION: Cannabis In Indian Country: Foundations, Frameworks, and the Future Presented By Riana Durrett, Jeremy Sorgen, Jordyn Sanders, Seth Pearman, Keith Anderson, Lindsey Renner
					Medical & Clinical Research Track Chair/s: Emily Lindley, Heather Kimmel, Richard Van Breemen		
					Pain, Proof, and Policy: Why Cannabis Deserves a Medical Indication for Pain Session Chair/s: David Grelotti		
1:45 PM - 2:10 PM	Cannabis in Eclectic Medicine Presented By Kimberly Gwinn	Polypharmacy Trends in Older Adults Using Legal Market Cannabis for Pain, Sleep, and Mood: Implications for Clinical Complexity Presented By Megan Fischer	Medical Use of Cannabis for Chronic Musculoskeletal Pain in A State with Legalized Recreational Products Presented By Jacquelyn Bainbridge		A Randomized Placebo-Controlled Trial of Cannabidiol for Chronic Low Back Pain Presented By Jodi Gilman		
2:15 PM - 2:40 PM		Cannabis Use Among Persons Living with Alzheimer's Disease Presented by Brian Kaskie, Julie Bobitt	Systematic Review of Cannabis and Cannabinoid Use for Amyotrophic Lateral Sclerosis Presented By Lirit Franks, Valerie Ahanonu	The Impact of Cannabis Rescheduling on US Immigration Policy and the Economic Health of the Cannabis Industry Presented by Scheril Murray Powell, Esq.	A Randomized Placebo-controlled Trial of Inhaled Cannabis or Oral Synthetic THC for Chronic Low Back Pain Presented by David Grelotti	PANEL DISCUSSION: Part Two: The Implementation Gap: What States Get Right And Wrong After Legalization Presented by Rob Mejia	
2:45 PM - 3:10 PM					Vaporized Cannabis Versus Placebo for Acute Migraine: A Randomized, Double-Blind, Placebo-Controlled Crossover Trial Presented By Nathaniel Schuster		
3:10 PM - 3:25 PM	Break With Exhibitors Foyer Floor 1						
LOCATION	SHUTTERS WEST I	SHUTTERS WEST II	SHUTTERS EAST I	COURTYARD I	COURTYARD II	BRICKSTONES	LOFT II
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SESSION	From Rulemaking To Reality: Synthesizing The Legal Impact On The Cannabis Industry Session Chair/s: Ian Rassman		Exploring The Therapeutic Potential of Cannabinoids For Pain Session Chair/s: Emily Lindley, Jacci Bainbridge, Rachael Rzasz Lynn		Pain, Proof, and Policy: Why Cannabis Deserves a Medical Indication for Pain Session Chair/s: David Grelotti	Raising The Bar: Improving Cannabinoid Product Safety, Potency Label Accuracy, And Analytical Testing Standards Session Chair/s: Duncan Mackie	Cannabis in Indian Country Session Chair/s: Riana Durrett, Jordyn Sanders

3:30 PM - 3:55 PM	PANEL DISCUSSION: The Compliance Paradox: Navigating The Newly Bifurcated Reality of Cannabis Banking Post-rescheduling Presented by Abby Kaufmann		Analgesic Efficacy of Acute Vaporized Cannabis and Oral Oxycodone on Experimental Pain in Healthy Participants Presented by Emily Lindley Medical Use of Cannabis for Chronic Musculoskeletal Pain in A State with Legalized Recreational Products Presented By Emily Lindley		Efficacy And Safety of Cannabis-Based Therapies For Pain Presented By Igor Grant	Characterization of Aerosol Degradation Products from Flavored Cannabidiol- And Cannabigerol-Based E-Liquid Formulations Presented By Shadab Panahi, Craig Schluttenhofer	Pathways to Partnership with the Tribal Cannabis Market Presented By Riana Durrett, Jeremy Sorgen
4:00 PM - 4:25 PM			Cannabis And Experimental Pain: Effects On The Cold Pressor Test Presented by Hannah Harris			Microbial Contamination Across Recreational Cannabis Products in Colorado: Evaluating Safety and Testing Standards Presented by Duncan Mackie	The Quality of Sovereignty In Cannabis Presented by Jeremy Wilson
4:30 PM - 4:55 PM	What Does Race Have to Do with It? Cannabis Industry Policies Using Critical Race Theory Presented By Ivan Garcia, Gabriela Mohr-Avitia					THC Label Accuracy In Legal Cannabis Markets: Discrepancies Across Flower and Concentrate Products Presented By Jonathon Lisano	
6:00 PM - 8:00 PM	USS Midway Conference Reception						
8:00 PM	Day Two Adjourns						