



CANNABIS CLINICAL OUTCOMES RESEARCH CONFERENCE (CCORC)

CCORC 2025 SUMMARY

ccorc.mmjoutcomes.org



Consortium for
Medical Marijuana
Clinical Outcomes Research



Cannabis Clinical Outcomes Research Conference (CCORC)

INTRODUCTION

The Consortium for Medical Marijuana Clinical Outcomes Research launched its annual Cannabis Clinical Outcomes Research Conference (CCORC) in 2021. This research-centric meeting, open to patients and providers, offers a venue for sharing research findings, disseminating the latest evidence on the health impacts of marijuana, and catalyzing research collaborations both state-wide and nationally.

The objectives of CCORC are:

- Dissemination of research findings on medical cannabis use, efficacy, safety, and other relevant outcomes
- Provide a venue for clinical and research educational opportunities related to medical cannabis
- Foster research collaboration, and stakeholder engagement, between Consortium member institutions and beyond

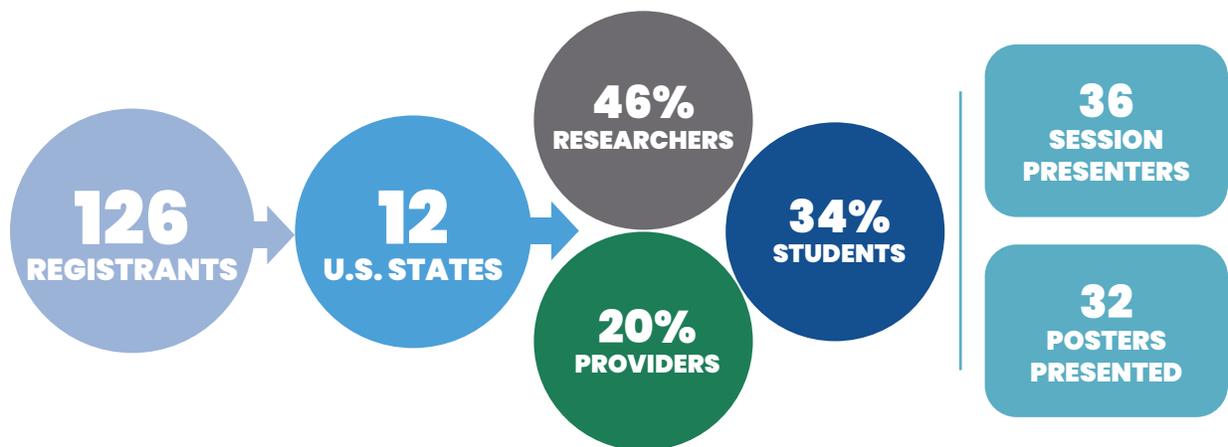
Adapting to conditions created by COVID-19, the Consortium's held its inaugural CCORC conference virtually on April 8th and 9th, 2021. Since 2022, CCORC is held using a hybrid attendance model; the conference takes place in-person at UF's satellite campus in Lake Nona, FL with select presentations available to stream online.

CCORC 2025 OVERVIEW

CCORC 2025 was a **1.5 day** conference gathering medical marijuana researchers, providers, patients, and industry representatives.

The conference featured **3 keynote presentations**, **11 oral presentations** from top abstracts, and **2 poster sessions** featuring **32 research abstracts** selected following peer review. Sessions in the conference program grew from last year's 2 to 6 in order showcase additional presentations submitted by students and researchers. Out of state participation been increasing steadily with **6 U.S. states represented in 2024** and **12 U.S. states represented in 2025**.

CCORC 2025 QUICK FACTS



THREE EMERGING THEMES FROM THE CONFERENCE

- 1** Therapeutic potential of cannabis's efficacy and safety across medical conditions: especially in pain management, neurological disorders, and psychiatric care.
- 2** Understanding cannabis use trends, benefits, and risks when used as adjuvant treatment by distinct demographic and clinical subgroups.
- 3** The state of the science of novel cannabinoid delivery systems, particularly in applications for cancer treatments and symptom relief.

KEYNOTE SPEAKERS



Angela Bryan, PhD

Professor

Psychology and Neuroscience
University of Colorado Boulder

Keynote Title – *Effects of Edible Cannabis Use on Pain, Sleep, and Mood*



Rachel Tomko, PhD

Associate Professor

Psychiatry and Behavioral Sciences
Medical University of South Carolina

Keynote Title – *Rethinking Cannabis Use Disorder Treatment: Individualized Risks, Benefits, and Care*



Sara Jane Ward, PhD

Associate Professor

Neural Sciences, Center for Substance Abuse Research
Temple University

Keynote Title – *Developing Cannabis-Based Treatments for Chemotherapy-Induced Peripheral Neuropathy and Adjuvant Anti-Tumor Activity*

CONTINUING EDUCATION CREDITS OFFERED

Starting in 2022, CCORC continues to offer Continuing Medical Education (CME) and Continuing Pharmacy Education (CPE) credits for physicians as well as pharmacists attending the conference for each of the three keynote addresses.



Attendees engaged with a wide range of topics related to cannabis research via the top abstracts selected for oral presentations. Each segment included a Q&A portion allowing audience members to contribute their perspectives.

[Read CCORC 2025 abstracts here >](#)

STUDENT PRESENTERS

- 

Amrit Baral, MBBS, MPH, PhD
Research Fellow, University of Miami
Sleep Disorders Among Current and Former Cannabis Consumers Living with Cancer at an NCI-Designated Cancer Center
- 

Emely Gazarov, MS
Graduate Student, University of Florida
The Effects of Oral Delta-9-THC Administration on Intertemporal Decision Making in Aged Rats
- 

Isabella Jimenez, BS
Research Assistant, University of Miami
Cannabis Use Patterns among Women Receiving Treatment for Gynecological Cancers at an NCI-Designated Cancer Center
- 

Cataryna Senra, BS
Graduate Student, Barry University
Age-Group Differences in Objectively Measured Abnormal Blood Pressure by Frequency of Cannabis Use within the Herbal Heart Study
- 

John Stauffer, MS
PhD Student, University of Florida
A CBD-rich hemp supplement was effective in reducing strength loss but did not improve the rate of strength recovery after strenuous

- 

Jennifer Attonito, PhD
Instructor, Florida Atlantic University
Descriptive Outcomes from a Survey Investigating Cannabis Use Patterns Among Florida Adults at Risk for Alcohol Use Disorder
- 

Mitchell L Doucette, PhD, MS
Senior Research Director, Leafwell
Impact of Medical Cannabis Treatment on Healthcare Utilization in Patients with Post-traumatic Stress Disorder: A Retrospective Cohort Study
- 

Ava A Jones, BA
Project Coordinator, University of Houston
Mobile Intervention to Address Cannabis Use Disorder Among Black Adults: A Proof-of-Concept Randomized Controlled Trial
- 

Teddy Salan, PhD
Research Assistant Professor, University of Miami
Effect of Cannabis Use on Brain Metabolites in People with HIV Using Whole-Brain Magnetic Resonance Spectroscopic Imaging
- 

Joseph Wakshlag, PhD
Professor, Cornell University
Cannabidiolic Acid: Re-emergence of a Forgotten Cannabinoid and its (24-hour) Pharmacokinetics in Five Mammalian Species Including Humans
- 

Yujia Zhou, MD
Resident, University of Florida
Randomized, Controlled Crossover Comparison of Cannabidiol and Oral Opioid for Post-Operative Photorefractive Keratectomy (PRK) Pain Control



TOP SCORING ABSTRACTS

Each year, CCORC honors the abstracts receiving top scores during the peer review process. The following authors received recognition at CCORC 2025. [Read CCORC 2025 abstracts here >](#)

Top Student Abstracts:



Amrit Baral
University of Miami

Sleep Disorders Among Current and Former Cannabis Consumers Living with Cancer at an NCI-Designated Cancer Center



Ciné Brown
University of Miami

Information-Seeking Behaviors on Cannabis in Cancer Care: Differences by Cannabis Use Status and Age



Emily Gazarov
University of Florida

The Effects of Oral Delta-9-THC Administration on Intertemporal Decision Making in Aged Rats

Top Non-Student Abstracts:

Jennifer Attonito
Florida Atlantic University

Descriptive Outcomes from a Survey Investigating Cannabis Use Patterns Among Florida Adults at Risk for Alcohol Use Disorder



Ava Jones
University of Houston

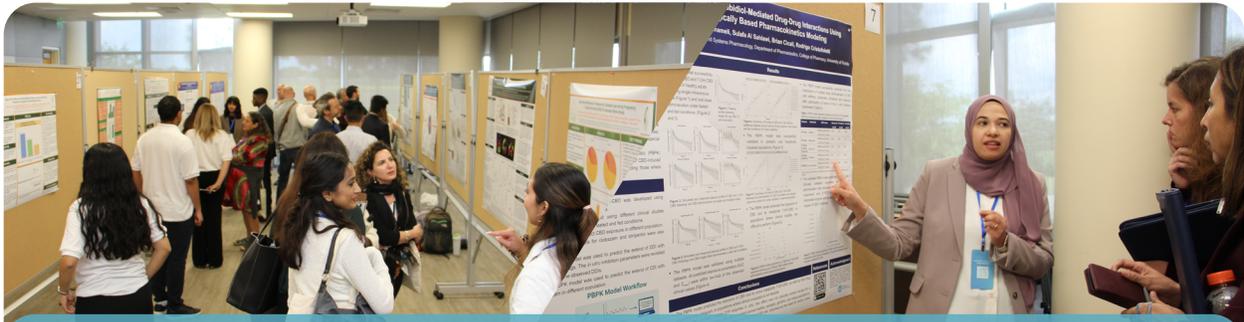
Mobile Intervention to Address Cannabis Use Disorder Among Black Adults: A Proof-of-Concept Randomized Controlled Trial



Teddy Salan
University of Miami

Effect of Cannabis Use on Brain Metabolites in People with HIV Using Whole-Brain Magnetic Resonance Spectroscopic Imaging





POSTER SESSIONS

Two poster sessions highlighting 32 abstracts selected following peer review provided an opportunity for research faculty and students to present their work. A jury of experts scored each of the posters, awarding a prize to the top scoring student poster presentation.

CCORC 2025 Best Student Poster Presentation:



Nayana Sojin & Rhea Parimoo
University of Florida

Poster Title:

Comparing Clinical Research Participation and Retention Between Pregnant Cannabis- Exposed and Unexposed Participants

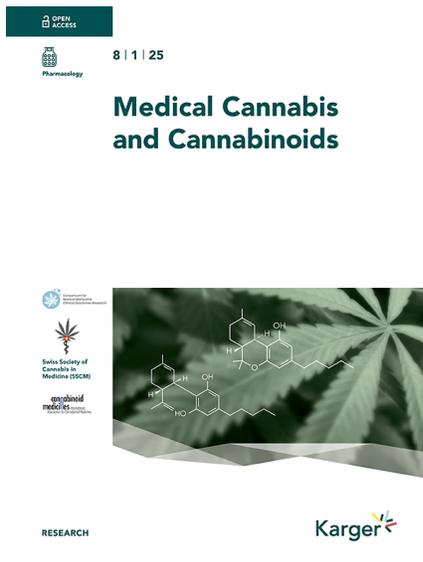


EXHIBITORS

Each year CCORC offers exhibitor space for industry and outreach-focused organizations related to cannabis. Exhibitors at CCORC 2025 included the Office of Medical Marijuana Use, Karger Publishers, and Innovations for Substance Use Disorders.



CONFERENCE ABSTRACTS & PROCEEDINGS PUBLISHED



The conference abstracts and proceedings for CCORC 2025 have been published in the official journal of the Consortium, **Medical Cannabis and Cannabinoids**. This peer-reviewed journal offers an international forum to present and discuss recent advances in the rapidly developing and challenging field surrounding the medical use of cannabis and cannabinoids. Inclusion in the journal expands the dissemination of the research presented at CCORC 2025 as well as increasing awareness for the conference at large.

[Read CCORC 2025 abstracts here >](#)
[Read CCORC 2025 proceedings here >](#)

For more information on **Medical Cannabis and Cannabinoids**, please visit karger.com/mca

PROGRAM AT A GLANCE DAY ONE

Time (EDT)	Session Description
	Day 1 Welcome Address Δ
9:00-9:20 am	Almut Winterstein, PhD Consortium for Medical Marijuana Clinical Outcomes Research University of Florida
	CCORC 2025 Agenda Overview Δ
9:20-9:30 am	Amie Goodin, PhD Consortium for Medical Marijuana Clinical Outcomes Research University of Florida
	Keynote: Rethinking Cannabis Use Disorder Treatment: Individualized Risks, Benefits, and Care* Δ <i>Introduction: Amie Goodin, PhD, University of Florida</i>
9:30-10:30 am	Rachel Tomko, PhD Department of Psychiatry and Behavioral Sciences Medical University of South Carolina
10:30-10:45 am	Exhibitor Hall Coffee Break
	Presentations of Top Abstracts: Cannabis Use in Specific Populations and Health Conditions <i>Moderator: Karina Villalba, PhD, University of Central Florida</i>
10:45-11:45 pm	Ava A. Jones University of Houston Amrit Baral, PhD University of Miami Isabella Jimenez University of Miami Mitchell L. Doucette, PhD Leafwell

Δ = AVAILABLE VIA LIVESTREAM

MAY 29TH, 2025

Time (EDT)	Session Description
11:45-1:15 pm	Poster Session 1 Exhibitor Hall Networking Lunch Reception <i>Please note lunch will begin at 12:15 pm</i>
1:15-2:15 pm	Keynote: Effects of Edible Cannabis Use on Pain, Sleep, and Mood* Δ <i>Introduction: Md Mahmudul Hasan, PhD, University of Florida</i> Angela Bryan, PhD Department of Psychology and Neuroscience University of Colorado Boulder
<i>Parallel Sessions</i>	
2:15-3:15 pm	Session A: Best Practices and Lessons Learned to Successfully Conduct NIH-/Consortium-Funded CVD, Cancer, COVID-19, and HIV Cohort Studies of South FL Medical and Adult Cannabis Consumers Denise Vidot, PhD Amrit Baral, PhD Ciné Brown Bria-Necole Diggs Kylee Krivijanski Ranya Marrakchi El Fella University of Miami Session B: Florida State-Based Analyses of Medical Marijuana Utilization: Results from the Medical Marijuana Clinical Outcomes Repository (MEMORY) Almut Winterstein, PhD Md Mahmudul Hasan, PhD Nicole Smolinski, PhD Earl Morris, PhD Priyanka Kulkarni University of Florida
3:15-3:30 pm	Exhibitor Hall Coffee Break

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MAY 29TH, 2025

Time (EDT)	Session Description
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Parallel Sessions

Session A: Beyond THC: Exploring the Therapeutic Potential of Non-THC Cannabinoids

3:30-4:30 pm	Mandip Singh Sachdeva, PhD Florida A&M University	John Stauffer University of Florida
	Allan Steigleman, MD University of Florida	Joseph Wakshlag, PhD Cornell University, Cultivate
	Yujia Zhou, MD University of Florida	Biologics

Session B: Epidemiology of Cannabidiol Use in Vulnerable Populations

**Liva LaMontagne, PhD | Catalina Lopez-Quintero, PhD
Nicholas Rowe | Lina Velilla Jimenez**
University of Florida

4:30-5:30 pm	Poster Session 2 Exhibitor Hall Networking Reception
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PROGRAM AT A GLANCE DAY TWO

Time (EDT)	Session Description
	Day 2 Welcome Address Δ
9:00-9:15 am	Robert Cook, MD Consortium for Medical Marijuana Clinical Outcomes Research University of Florida
9:15-10:15 am	Keynote: Developing Cannabis-Based Treatments for Chemotherapy-Induced Peripheral Neuropathy and Adjuvant Anti-Tumor Activity* Δ <i>Introduction: Yan Wang, PhD, University of Florida</i> Sara Jane Ward, PhD Center for Substance Abuse Research Temple University
	<i>Parallel Sessions</i>
10:15-11:15 am	Session A: Building Cannabis Community Steering Committees: The National Cannabis Nurse Task Force as a Trustworthiness-Community-Led Model to Transform Cannabis Clinical Practice from an Epidemiologic-Nursing Perspective Renessa Williams, PhD Denise Vidot, PhD Francesco Bojorquez Ranya Marrakchi El Fellah University of Miami
	Session B: Advancing the Science of Medical Cannabis: Findings from the Medical Marijuana & Me (M3) Study Catalina Lopez-Quintero, PhD Yan Wang, PhD Robert Cook, MD Juan Perez Kendall Robinson University of Florida
11:15-11:30 am	Exhibitor Hall Coffee Break

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MAY 30TH, 2025

Time (EDT)	Session Description				
11:30-12:30 pm	<p>Presentations of Top Abstracts: Cognitive, Physical, and Biological Effects of Cannabis Use</p> <p><i>Moderator: Barry Setlow, PhD, University of Florida</i></p> <table><tbody><tr><td>Emely Gazarov, University of Florida</td><td>Jennifer Attonito, PhD Florida Atlantic University</td></tr><tr><td>Teddy Salan, PhD University of Miami</td><td>Cataryna Senra University of Miami</td></tr></tbody></table>	Emely Gazarov, University of Florida	Jennifer Attonito, PhD Florida Atlantic University	Teddy Salan, PhD University of Miami	Cataryna Senra University of Miami
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Teddy Salan, PhD University of Miami	Cataryna Senra University of Miami				
12:30-1:00 pm	Closing and Awards Ceremony Δ				
1:00-2:00 pm	Board Meeting and Lunch (Invitation Only)				

CE Information

* May be eligible for CME and CPE credits. Please check ccorc.mmjoutcomes.org/continuing-education-credit/ for details. The University of Florida College of Medicine designates this live activity for a maximum of 3.00 *AMA PRA Category 1 Credits™*. Physicians should claim only the credit commensurate with the extent of their participation in the activity. The University of Florida College of Medicine is accredited by the Accreditation Council for Continuing Medical Education (ACCME) to provide continuing medical education for physicians. The University of Florida is accredited by the Accreditation Council for Pharmacy Education as a provider of continuing pharmacy education. This program has been approved by the Accreditation for Pharmacy Education for 3.00 hours of continuing pharmacy education credit.

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We hope to see you at CCORC 2026!

 CCORC 2026

THE SIXTH ANNUAL CANNABIS CLINICAL OUTCOMES RESEARCH CONFERENCE

SAVE THE DATE

NOVEMBER 5-6, 2026 | ORLANDO, FL



Consortium for
Medical Marijuana
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