**CURRICULUM VITAE**

**Jake Ferro Hooper**

Department of Psychiatry

University of Colorado Anschutz Medical Campus

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**PUBLICATIONS**

1. Mueller RL, **Hooper JF**, Ellingson JM, Olsavsky AK, Rzasa-Lynn R, Bryan AD, Bidwell LC, Hutchison KE. A preliminary randomized trial of the safety, tolerability, and clinical effects of hemp-derived cannabidiol in alcohol use disorder. *Front Psychiatry.* 2025 Apr 28;16:1516351. doi: 10.3389/fpsyt.2025.1516351. PMID: 40357520; PMCID: PMC12066606.
2. **Hooper JF**, Gyongyosi EL, Hutchison KE, Mueller RL. Aesthetic quality of psychedelic experience is linked to insight and psychological outcomes. *Front Psychol.* 2025 May 15;16:1533055. doi: 10.3389/fpsyg.2025.1533055. PMID: 40443723; PMCID: PMC12119600.
3. **Hooper, JF,** Stoliker, D, Wolfe, K, Hutchison, KE. Neuroaesthetics of the psychedelic state. *Neuropsychologia*. 2025 July 26. doi: 10.1016/j.neuropsychologia.2025.109238.
4. Hutchison KE, Karoly H, **Hooper JF**. (2025) Psilocybin Beyond the Clinic: Anticipating the Public Health Challenges of Growing Psilocybin Publicity and Accessibility. *JAMA Psychiatry.* [Under review]
5. **Hooper JF**, Williams S, Mueller R, Hutchison KE. (2025) Age and cannabis co-use moderate psilocybin experience and perceived benefits. *Journal of Psychoactive Drugs.* [Under review]
6. **Hooper JF**, Ellingson JM, Hutchison KE. (2025) Preliminary Validation and Refinement of the Psychedelic Aesthetic Experience Questionnaire. *Front Psychol.* [Under review]
7. **Hooper JF**, Aqil M, Juliani A, McGovern H. (2025) Art as a Vehicle for Encoding Archetypes: Neurobiological, Cultural, and Psychedelic Perspectives. *Front Psychol.* [In preparation]

**PRESENTATIONS**

1. **Hooper, JF.** Art as a Vehicle for Archetypal Transmission. Invited talk at the Theoretical Neurobiology (TNB) Group, Active Inference Institute. [Virtual]. 2025 June 30.
2. **Hooper JF,** Spencer JK, Hutchison K. *The Relationship Between Cannabis Use with Psilocybin and Psychological Outcomes.* University of Colorado Department of Psychiatry Research Symposium; 2025 March 19; Aurora, CO.
3. **Hooper JF**, Krause A, Spencer JK. *Research in Psychiatry: Cannabis, Health, and Addiction Over the Lifespan.* Psychiatry Undergraduate Research Program and Learning Experience (PURPLE) Didactic Session; 2024 June 28; Denver, CO. [Oral presentation]
4. **Hooper JF**, Wolfe K, Gyongyosi E. *Psychedelic Neuroaesthetics: A Review and Commentary*. 27th Annual Research and Creative Activities Symposium (RaCAS); 2024 April 26; Denver, CO. [Oral presentation]
5. **Hooper JF\***, Gyongyosi E\*, Hutchison K. *Behavioral Improvement After Psychedelic Use*. Anschutz Department of Medicine 5th Annual Research Day; 2024 April 23; Aurora, CO.
6. **Hooper JF**, Gyongyosi E, Williams S, Hutchison K. *Age-Related Differences in Challenging Psychedelic Experiences.* University of Colorado Department of Psychiatry Research Symposium; 2024 March 20; Aurora, CO.
7. Spencer JK, Krause A, Mueller R, Williams S, **Hooper JF**, Hutchison K. *Psychedelics & Personality: Understanding the Therapeutic Potential*​​. University of Colorado Department of Psychiatry Research Symposium; 2024 March 20; Aurora, CO.
8. Krause A, Spencer JK, **Hooper JF**, Williams S, Hutchison K. *Psilocybin in Psychiatry: Exploring the Risks & Rewards.* University of Colorado Department of Psychiatry Research Symposium; 2024 March 20; Aurora, CO.
9. Williams S, Gyongyosi E, **Hooper JF**, Hutchison K. *The Effect of Music on Psychedelic Experience.* University of Colorado Department of Psychiatry Research Symposium; 2024 March 20; Aurora, CO.
10. **Hooper JF\***, Gyongyosi E\*, Williams S, Mueller R, Hutchison K. *Cannabidiol Reduces the Experience of Pain in Individuals with Chronic Pain.* 38th Annual Student Research Forum Poster Presentations; 2023 December 05; Aurora, CO.
11. **Hooper JF**, Williams S, Mueller R, Hutchison K. *Cannabidiol Reduces Drinking Behavior and Negative Emotion in Individuals with Alcohol Use Disorder.* CCTSI CU-CSU Summit; 2023 August 16; Denver, CO.
12. Williams S, **Hooper JF**, Mueller R, Hutchison K. *Cannabidiol Effects on Alcohol Cravings and Mental Health in Individuals with Alcohol Use Disorder.* CCTSI CU-CSU Summit; 2023 August 16; Denver, CO.
13. **Hooper JF**, Williams S, Mueller R, Hutchison K. *Cannabidiol Reduced Impaired Control of Drinking Behavior in Individuals with Alcohol Use Disorder.* University of Colorado Department of Psychiatry Research Symposium; 2023 March 22; Aurora, CO.

\**Shared First Author*

**RESEARCH EXPERIENCE**

**Senior Clinical Research Professional** May 2022 - Current

**University Of Colorado Anschutz Medical Campus** - Aurora, CO

*Supervised by Raeghan Mueller, PhD., Kent Hutchison, PhD.*

* Coordinate studiesinvolving cannabis, alcohol, geriatric, and opioid populations in FDA-regulated trials within the Department of Psychiatry Division of Addiction Science, Prevention, and Treatment.
* Lead recruitment and screening processes to evaluate participant suitability for studies. Monitor correspondence and attrition rates.
* Design, modify, and implement research techniques, including phlebotomy, cognitive and clinical assessments, sample processing and investigational product dispensing.
* Validate and ensure accuracy and integrity of incoming data, addressing discrepancies and managing adverse event reporting.
* Conduct data analysis (R, Jamovi, SPSS), manuscript drafting, and literature reviews.
* Develop and maintain research documentation in line with regulatory bodies (IRB, FDA, ICH-GCP) and sponsors (NIA, NIAAA, NIDA).
* Train and oversee a team of 6 research coordinators; supervise tasks and ensure performance quality.
* Spearhead study development and data structuring in REDCap on a cross-sectional study.
* Write and implement R scripts to generate comprehensive data and study tracking reports.

**Clinical Research Coordinator** November 2021 – May 2022

**University Of Colorado Anschutz Medical Campus** - Aurora, CO

*Supervised by Christopher Mizenko, M.S., Jeffrey Bennett, PhD.*

* Coordinated studies in various sponsor initiated multisite clinical trials under the neuro-ophthalmology subspecialty.
* Evaluated potential subject participants to assess suitability for planned studies.
* Plan, modify and executed research techniques, procedures and tests including phlebotomy, vitals, ECG, clinical assessment, and investigational product dispense.
* Validated incoming data to check information accuracy and integrity while independently locating and correcting concerns.
* Organized participant-informed consent waivers and research scope documentation.
* Worked both independently and collaboratively in fast-paced environment.

**Undergraduate Research Assistant** January 2020 – June 2021

**Clinton Lab At Virginia Tech** - Blacksburg, VA

*Supervised by Matthew Glover, PhD., Sarah Clinton, PhD.*

* Utilized bench protocols and techniques to perform various experimental procedures and sample collection under primary and graduate level investigators.
* Gathered experience in fecal DNA extraction, immunohistochemistry, and microtome.
* Recorded and scored various rat behavior for a study investigating changes in emotional affect due to prenatal SSRI exposure.
* Researched and edited protocol literature reviews.
* Performed statistical, qualitative, and quantitative analysis.

**Undergraduate Research Assistant** May 2019 – March 2020

**SCANLAB At Virginia Tech** - Blacksburg, VA

*Supervised by Ligia Antezana, M.S., John Richey, PhD.*

* Aided graduate students with a study investigating emotional affect in children with autism.
* Utilized spreadsheets, R statistical programming, and fMRI image scoring in cleaning data.
* Prepared literature for reports, presentations, or submission to peer-reviewed journals.
* Recorded data and maintained source documentation following good documentation practices.
* Gathered, arranged, and corrected research data to create representative graphs and charts highlighting results for presentations.

**COORDINATED CLINICAL TRIALS AND STUDIES**

1. “ALEXION 19-2038” (sponsored [Alexion], multisite phase 3 RCT investigating a Ravulizumab for treatment of NMOSD). NCT04201262
2. “SAkuraBonsai” (sponsored [Genentech/Hoffmann-La Roche], multisite phase 4 RCT investigating Satralizumab-mwge [Enspryng] to prevent relapses in people with NMOSD). NCT05269667
3. “SPHERES” (sponsor [CorEvitas], multisite patient registry to collect data on natural progression of NMOSD). NCT04886492
4. “cosMOG 21-3747” (sponsored [UCB Biopharma], multisite phase 3 RCT investigating efficacy of Rozanolixizumab for the treatment of MOG-AD). NCT05063162
5. “AUD 20-2694” (investigator/NIH-NIAAA funded, single site [pilot] phase 2 RCT investigating efficacy of cannabidiol for the treatment of AUD). NCT04873453
6. “ECHO 21-5122” (investigator/NIH-NIAAA funded, single site phase 2 RCT investigating the efficacy of cannabidiol to reduce opioid use, anxiety, and pain and improve sleep and cognitive function. NCT05299944
7. “SONAR 22-1894” (investigator/NIH-NIAAA funded, single site phase 2/3 RCT investigating efficacy of cannabidiol for the treatment of AUD). NCT05613608
8. “MIMIC 23-0619” (investigator/NIA funded, single site phase 2 RCT testing the effects of cannabidiol on validated biomarkers of Alzheimer's disease progression, behavioral and clinical measures, with putative mechanisms of CBD action). NCT05822362
9. “LUNA 22-1427” (investigator/NIH funded, single site phase 2 RCT testing the safety, tolerability, and clinical effects of cannabidiol on traumatic brain injury). NCT05632627
10. “PEACE 23-1379” (investigator funded, single site observational study to collect data on naturalistic psychedelic use and subjective health outcomes).

**SKILLS**

* Data capture management systems (REDCap, Epic, Medidata, Oncore)
* Inventory and supply management.
* Clinical trial support, with direct patient interaction.
* Microsoft Office Suite
* Phlebotomy, vitals
* BLS CPR Certified
* CITI GCP, Biomedical Research, HIPS, IATA
* Cognitive Assessment (CDR, MoCA, NIH toolbox, RAVLT)
* Clinical Assessment (MINI, PROMIS, C-SSRS)
* Benchwork (microscope, microtome, pipette aliquots, IHC, DNA, centrifuge)
* ECG
* R (data cleaning; data visualization; statistical modelling)
* Jamovi (regression analysis; ANOVA)

**EDUCATION**

**University of Oregon,** Eugene, OR

Master of Science, Cognitive Neuroscience | Psychology 2026

Doctor of Philosophy, Cognitive Neuroscience | Psychology 2030

**Virginia Tech**, Blacksburg, VA

Bachelor of Science, Cognitive and Behavioral Neuroscience | Psychology 2021

**HONORS AND AWARDS**

**Dean’s List,** Virginia Tech 2018-2021

**Member Nu Rho Psi**, Virginia Tech 2020

**Julian Burruss Scholarship Awardee**, Virginia Tech 2017-2021

**National Educational Foundation 1847 Scholarship Awardee**, Virginia Tech 2020

**Multidisciplinary Association for Psychedelic Studies (MAPS) Scholarship Awardee** 2023, 2025

**LEADERSHIP POSITIONS**

**Founder – CHAOS Journal Club,** University of Colorado 2022-2024

* Established and manage a journal club to promote regular review and discussion of scientific literature.

**Vice President - Theta Delta Chi Nu Triton Charge**, Virginia Tech 2018-2019

* Leadership board member.

**Chairman - Bros United**, Virginia Tech 2018-2019

* Philanthropy mentoring young children with autism and their families in the New River Valley, VA.

**Varsity Captain**, Oakdale High School 2016-2017

* Captain of outdoor track, indoor track, and cross-country teams.

**CERTIFICATES**

**Certified Phlebotomy Technician (CPT),** NHA 2022

**Certified Clinical Dementia Rater (CDR),** Knight ADRC 2022