

## CURRICULUM VITAE

**Name:** Jeffrey Michael Rogers

**Telephone:** (501) 258-4419

**Email:** rogersdst@gmail.com / jeff.rogers@nih.gov

### EDUCATION

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*Bachelor of Arts: Psychology & History, University of Arkansas, Fayetteville, May 2019*

- Cumulative GPA: 3.84 / Psychology GPA: 4.0

*Bachelor of Science – Magna Cum Laude: Kinesiology, University of Arkansas, Fayetteville, May 2019*

- Cumulative GPA: 3.84 / Kinesiology GPA: 4.0

### RESEARCH EXPERIENCE

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*Post-baccalaureate Intramural Training Award Fellow* under Dr. David Epstein, National Institute on Drug Abuse, National Institutes of Health, Baltimore, MD (**June 2019 – present**)

**Office-based Buprenorphine Treatment Study** – Natural history with ecological momentary assessment (EMA) of people receiving opioid agonist therapy.

**16-DA-140 Acre Study** – Examining the effects of a novel behavioral intervention on alcohol craving and drinking using lab based physiologic measurement and smartphone-based geographical momentary assessment (August 2019 - Present)

**18-DA-095 Just in Time Adaptive Intervention Pilot Study** – A mixed-methods study on the feasibility of using a smartphone-based application for delivering mobile interventions to people in a substance use disorder treatment program (August 2019 – Present)

**Kratom and COVID-19** – Using social media data as secondary evidence and contextualization for results from a multi-national survey on Kratom and Covid-19

**Adverse Social States Survey** – Large sample data collection effort to evaluate the social influences and implications of non-medical substance use

**Health Outcomes by Neighborhood (HON) Study** – Multi-cohort, mixed-method study looking at environmental influences on overall health, substance use, and HIV.

*Research assistant* to Dr. Michelle Gray, Exercise Science Research Center, University of Arkansas, Fayetteville, (**January 2018 – June 2019**)

**Clinical Trial of Citrulline Malate and Inositol-stabilized Arginine Silicate** - examine up-regulation of nitric oxide production in vascular endothelium following citrulline malate and inositol-stabilized arginine silicate supplementation as measured by changes in radial artery diameter using flow-mediated dilation technique with ultrasound

*Research assistant* to Dr. Matthew Ganio, Exercise Science Research Center, University of Arkansas, Fayetteville (**January 2019 – May 2019**)

**Passive Heating and Arterial Stiffness Project** – testing the ability of a passive heating intervention to ameliorate acute arterial stiffness resulting from sedentary behavior.

Research assistant to Dr. Tim Cavell, Center for Research on Aggression and Victimization, University of Arkansas, Fayetteville, (August 2016 – May 2019)

**Peer Safety Project 7** – Validation study using grade-wide survey assessments in 10 different elementary schools at 3 time points (2018)

- Conference in Clinical Child and Adolescent Psychology (NCCCAP)

**Peer Safety Project 8** – Observational study of elementary school children’s lunchtime interactions using a novel behavioral coding system (Fall 2016 – Summer 2018)

**Peer Safety Project 9** – A replication of the Peer Safety Project 8 (Spring 2018 – Spring 2019)

**Military Student Mentoring Project** – A project based in Olympia, Washington that utilized quantitative and qualitative feedback from parents, teachers, children, and mentors to determine the effectiveness of a mentoring program for the children of military families. (Spring - Fall 2017)

## **VOLUNTEERING**

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**Lunch Buddy Mentoring**, Springdale, AR (Spring 2017 – Fall 2018)

- Mentored children who had been identified by the school counselor as rejected over the course of two semesters (Spring and Fall, 2017), with the goal of giving them better opportunities for peer interaction
- Served as a coordinator and point of contact for mentors in the program (Spring and Fall, 2018)

**Book Hogs**, Fayetteville, AR (Fall 2015 – Spring 2017)

- Went to Fayetteville elementary schools several times per month to promote literacy by reading books with students during their free time
- Visits usually only lasted 30 minutes, but as an avid reader, it was great opportunity to reinforce the importance of reading for elementary students

**Student Athlete Community Outreach** (Fall 2014 – Spring 2019)

- Through the University of Arkansas athletic department, participated in over 100 hours of service, giving back to the Northwest Arkansas community at events such as food drives, park cleanup, and charity races.

**Honors College Dean Advisory Committee** (Fall 2018 – Spring 2019)

- Attended meetings with the dean of the Honors College in order to contribute new ideas and program changes that improved the experiences of honors students at the University of Arkansas.

## **PUBLICATIONS**

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**Rogers, J. M.**, Gills, J., & Gray, M. (2020). Acute effects of Nitrosigine® and citrulline malate on vasodilation. *Journal of the International Society of Sports Nutrition*, 17(1), 1-8.

Smith, K. E., **Rogers, J. M.**, Strickland, J. C., Epstein, D. H. (2021). When an obscurity becomes trend: Social-media descriptions of tianeptine use and other atypical drug use. *The American Journal of Drug and Alcohol Abuse*.

Smith, K. E., **Rogers, J. M.**, Schriefer, D., & Grundmann, O. (2021). Therapeutic benefit with caveats?: Analyzing social media data to understand the complexities of kratom use. *Drug and Alcohol Dependence*, 226, 108879. doi: 10.1016/j.drugalcdep.2021.108879

**Rogers, J. M.**, Epstein, D., Phillips, K., Strickland J. C., Preston, K. (In press). Exploring the Relationship Between Substance Use and Allostatic Load in a Treatment/Research Cohort and in a US Probability Sample (NHANES 2009-2016). *Frontiers in Psychiatry*

Smith, K. E., Dunn, K., Garcia-Romeu, A., Grundmann, O., **Rogers, J. M.**, Swogger, M. T., Epstein, D. H. (In Press). Social, psychological, and substance use characteristics of adults who use kratom in the United

States: Preliminary findings from an online, crowd-sourced study. *Experimental and Clinical Psychopharmacology*.

Grundmann, O., Veltri, C. A., Morcos, D., Knightes, D., Smith, K. E., **Rogers, J. M.** (In press). How essential is kratom availability and use during COVID-19? Use pattern analysis based on survey and social media data. *Substance Abuse*.

## MANUSCRIPTS UNDER REVIEW

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Smith, K. E., **Rogers, J. M.**, Strickland, J. C. (Under review). Polysubstance use with kratom, opioids, and methamphetamine in the National Survey on Drug Use and Health (NSDUH). *Journal of Psychoactive Drugs*.

**Rogers, J. M.**, Smith, K. E., Schriefer, D., Epstein, D. H. (Under review). For better or worse: Self-reported changes in kratom use as a result of the COVID-19 pandemic. *The American Journal of Drug and Alcohol Abuse*.

**Rogers, J. M.**, Smith, K. E. Strickland, J. C. Epstein, D. H. (Under review). Is Kratom the New Opioid Drug of American Suburbanites? Evidence from the NSDUH and an Online Convenience Sample. *Frontiers in Pharmacology*.

Smith, K., E., **Rogers, J. M.**, Grundmann, O., McCurdy, C. R., Epstein, D. H. (Under review). Kratom dosing and associations with benefits, adverse effects, and withdrawal symptoms. *Frontiers in Pharmacology*.

## MANUSCRIPTS IN PREPERATION

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**Rogers, J. M.**, Burgess-Hull, A., Smith, K. E., Epstein, D. E. (In prep). Associations between personality, physical activity space, and substance use in people participating in opioid use disorder pharmacotherapy.

**Rogers, J. M.**, Strickland, J. C., Smith, K. E., Epstein, D. H. (In Prep). Co-use of cannabis and opioids by people with chronic pain is not associated with greater psychiatric symptoms than use of opioids or cannabis alone.

Sourk, M., Pastrana, F., Mapes, A., **Rogers, J.**, Cavell, T. (In prep). Directly observing lunchtime peer interactions.

## CONFERENCE POSTER PRESENTATIONS

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Sourk, M., Pastrana, F., Mapes, A., **Rogers, J.**, Cavell, T. (2018). *Directly observing the lunchtime peer interactions of rejected victims and popular nonvictims: Do they differ?* Poster presented at the National Conference in Clinical Child and Adolescent Psychology, Kansas City, Missouri.

**Rogers, J.**, Mathis, B., Mapes, A. R., Sourk, M. Mutignani, L., Hernandez-Rodriguez, J., Pastrana, F., Craig, J.T., Gregus, S., & Cavell, T. (2018). *Emotional avoidance as a possible mediator between peer victimization and internalizing problems*. Poster presented at the APA Division 45 Bi-Annual Psychological Science Research Night, Fayetteville, Arkansas.

**Rogers, J.**, Sesler, A., Gills, J., Gray, M. (2019). *Comparing the acute effects of citrulline malate and Nitrosigine on vasodilation in young adults*. Poster presented at the International Society of Sports Nutrition Annual Conference 2019, Las Vegas, Nevada.

Gills, J., Spliker, B., Groos, A., **Rogers, J.**, Glenn, J., Gray, M. (2019). *Acute oral ingestion of citrulline-malate does not enhance cycling performance in recreationally active individuals*. Poster presented at the International Society of Sports Nutrition Annual Conference 2019, Las Vegas, Nevada.

**Rogers, J.**, Strickland, J., Epstein, D. (2020, April 25-29). *Intensity of marijuana use is not a major driver of allostatic load: A 2009-2016 NHANES cohort study* [Session 7]. American Psychiatric Association Annual Meeting, Philadelphia, PA, United States. (Conference canceled)

- Smith, K. E., **Rogers, J. M.**, Strickland, J. C., Epstein, D. H. (2021, March 3). *From trivia to trend: Use of tianeptine and other emerging drugs in an online sample of adults*. Poster to be presented at the University of Kentucky 3rd Annual Substance Use Research Event (SURE).
- Smith, K. E., Dunn, K. E., Garcia-Romeu, A., Grundmann, O., **Rogers, J. M.**, Swogger, M. T., Epstein, D. H. (2021, May 1-3). *Psychosocial and substance-use correlates of lifetime kratom use in a large online sample*. American Psychiatric Association Annual Meeting, Virtual format.
- Strickland, J. C., Dunn, K. E., Epstein, D. H., Havens, J. R., **Rogers, J. M.**, Smith, K. E., Stoops, W. W. (2021, May 1-3). *Rising Rates of Methamphetamine Use Among People Who Use Heroin in the United States*. American Psychiatric Association Annual Meeting, Virtual format.
- Smith, K. E., Epstein, D. H., **Rogers, J. M.**, Strickland, J. C. (2021). *Drug use without addiction in people with a “stake in conventional life”: a classic ethnographic idea examined in nationwide crowdsourced data*. College on Problems of Drug Dependence Annual Scientific Meeting.
- Rogers, J. M.**, Smith, K. E., Strickland, J. C., Epstein, D. H. (2021). *Eyes on the prize: Life goals in people with and without substance use disorder, as a function of current interest in recovery*. College on Problems of Drug Dependence Annual Scientific Meeting.
- Grundmann, O., Smith, K. E., **Rogers, J. M.**, Schriefer, D., Morcos, D., Knightes, D., Veltri, C., Cinosi, E., Corazza, O., Martinotti, G., Singh, D., Swogger, M. T., Walsh, Z. (2021). *Kratom (Mitragnyna speciosa) in the context of polydrug use among adults: findings from an international survey & qualitative social media analyses*. College on Problems of Drug Dependence Annual Scientific Meeting.
- Schriefer, D., **Rogers, J. M.**, Smith, K. E., Epstein, D. H. (2021, April 28). *Drug Use, Motivations, and Perceptions of Power among LGBTQ+ Adults*. College on Problems of Drug Dependence Annual Scientific Meeting.
- Rogers, J. M.**, Strickland, J. C., Smith, K. E., Epstein, D. H. (2021, April 28). *Is Kratom the New Opioid Drug of American Suburbanites? Evidence from the NSDUH and an Online Convenience Sample*. NIH Annual Postbaccalaureate Poster Day, 2021.
- Smith, K. E., Epstein, D. H., **Rogers, J. M.**, Strickland, J. C. (2021, May 19). *Substance use without addiction among people with a “stake in conventional life”: a classic ethnographic idea examined using national crowdsourced data*. National Institute on Drug Abuse Intramural Research Program Poster Day 2021.
- Rogers, J. M.**, Smith, K. E., Strickland, J. C., Epstein, D. H. (2021, May 19). *Co-use of cannabis and opioids by people with chronic pain is not associated with greater psychiatric symptoms than use of opioids or cannabis alone*. National Institute on Drug Abuse Intramural Research Program Poster Day 2021.

## CONFERENCE ORAL PRESENTATIONS

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- Rogers, J.**, Phillips, K., Preston, K., Epstein, D. (2020, June 20-24). *Illicit substance use history predicts increased allostatic load: Cross-sectional evidence from a maintenance clinic population*. College on Problems of Drug Dependence Annual Scientific Meeting. (Moved to online format)

## SCHOLARSHIPS, GRANTS, and HONORS

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- Chancellor’s Community Scholarship (2014 – 2018)  
 Arkansas Lottery Scholarship (2014 – 2018)  
 Chancellor's List (Fall: 2016, 2017, 2018) & (Spring: 2016, 2017, 2018, 2019)  
 SEC Honor Roll (Fall: 2015, 2016, 2017, 2018) & (Spring: 2016, 2017, 2018, 2019)  
 NCAA Academic All-American (Spring: 2016, 2018)  
 Honors College Travel Grant (2018)  
 Blanche Bledsoe & Clarence J. Rosecrans, Sr. Memorial Scholarship (2018 & 2019)  
 Student Undergraduate Research Fellowship (SURF) Grant (Spring 2019)  
 Outstanding Poster Award – NIDA Poster Day and Mentoring Awards (2021)

**HONORS THESIS**

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**Rogers, J., Gills, J., Caldwell, A., Gray, M. (2019)** “Comparing the acute effects of citrulline malate and Nitrosigine supplementation on vasodilation in young adults.” Submitted to the University of Arkansas fulfilling the thesis requirements for B.S. in Kinesiology, Magna Cum Laude.