

Cole Lympus Curriculum Vitae

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Education

University of Missouri – Columbia, Columbia, Missouri
GPA: 3.735; Psychology GPA: 3.94

August 2014 – July 2018

- Bachelor of Science, Psychology with Honors
- Minors: Biological Sciences, Sociology
- Certificate in Multicultural Studies

Awards and Acknowledgements

Dean's List, University of Missouri

December 2014 – May 2018

STRIPES Executive Board Member of the Semester

January 2017 – May 2017

Curators Scholar Award (Scholarship)

August 2014 – May 2018

The Mayer Scholarship

August 2014 – May 2018

Non-Music Major Choral Scholarship

August 2014 – December 2015

Publications

Woods, S.W., **Lympus, C.A.**, Walsh, B.C., McGlashan, T.H., Cannon, T.D. (manuscript in progress) *The Mini-SIPS: A Brief Clinical Structured Interview for Diagnosing DSM-5 Attenuated Psychosis Syndrome.*

Collins, M.A., Ji, J.L., Chung, Y., **Lympus, C.A.**, Afriyie-Agyemang, Y., Addington, J., Goodyear, B.G., Bearden, C.E., Cadenhead, K.S., Mirzakhani, H., Tsuang, M.T., Cornblatt, B.A., Carrión, R.E., Keshavan, M., Stone, W.S., Thermanos, H., Mathalon, D.H., Perkins, D.O., Walker, E.F., Woods, S.W., Powers, A.R., Anticevic, A., Cannon, T.D. (manuscript in progress). *Accelerated cortical thinning across less than 3 months precedes conversion to psychosis: The NAPLS3 longitudinal study of youth at clinical high-risk.*

Lympus, C.A., Von Gunten, C., Martins, J.A., Bartholow, B.D. (2018). *The effects of alcohol on working memory updating.* [Unpublished honors thesis]. University of Missouri-Columbia.

Presentations

Lympus, C.A., Von Gunten, C., Martins, J.A., Bartholow, B.D. (2018) *The effects of alcohol on working memory updating.* Poster presented at the 90th Annual Meeting of the Midwestern Psychological Association, Chicago, Illinois.

Lympus, C.A., Von Gunten, C., Martins, J.A., Bartholow, B.D. (2018) *The effects of alcohol on working memory updating.* Poster presented at the University of Missouri Undergraduate Research & Creative Achievements Forum, Columbia, Missouri.

Professional and Research Experience

Department of Psychology, Yale University

May 2018 – Current

Clinical Neuroscience Laboratory

Principal Investigator: Tyrone Cannon, Ph.D.

Research Assistant

- Aided in piloting a study determining the efficacy of a new diagnostic training tool and the affiliated online training module, with the goal of providing clinicians and community centers a brief diagnostic tool for Attenuated Psychosis Syndrome (APS). Analyzed the data and wrote the results as an author for subsequent publication.
- Conduct varying analyses with multi-site longitudinal data, such as linear mixed-effect longitudinal growth models, logistic regression models, ROC curves, Cox proportional-hazards regression models, ANOVAs, graphical output, etc. The results have been used to present to committees at the NIH, setup multi-consortium data analysis systems, and provide general data insight.
- Reviewed structural and functional MRI data for quality assurance for NAPLS-3, a multi-site longitudinal psychosis study. Coordinated with 9 sites in uploading and correcting data uploads.

- Worked with our Data Scientist compiling and submitting the neuroimaging data to the NIMH Data Archive (NDA) as well as coordinating the data transfer to a collaborating lab.
- Certified to assist in scanning participants for MRI studies.

Department of Psychology, Yale University
 Yale Psychology Department Clinic
 Adviser/Clinic Director: Mary O'Brien, Ph.D.

May 2018 – Current

Clinic Coordinator

- Serve as the main point of contact for individuals interested in therapy and conduct phone screens. Mentored by our Clinic Director and other licensed clinical psychologists to further develop clinical conversation and risk assessment skills.
- Audited a graduate-level diagnostic interviewing course to enrich formal knowledge of clinical intake and diagnostic process.
- Participate in case conferences, reviewing clients' presentations and diagnostic conceptualizations.
- Lead the collection of clients' data and conduct analyses investigating treatment outcomes
- Improve clinic efficiency and accessibility, such as coordinating the development of an online payment system allowing clients to pay with credit cards instead of only cash or check. Continually revise clinic manuals, providing a thorough operations guide for graduate student clinicians for seamless transition into the clinic.
- Supervise undergraduate research assistants in the transcription and coding of videos of a family interaction task for an ongoing clinical trial.
- Organize the clinic website to include pages on diversity & anti-racism resources as well as self-help resources.
- Participated in monthly meetings regarding anti-racism in clinical science at the Yale Psychology Department Clinic
- Member of the Committee for Racial Equity and Justice Anti-Racist Clinical Training Working Group, reviewing clinical curriculum and creating a summer book study program for the Clinical area.

Department of Psychology, University of Missouri
 Social Cognitive and Addiction Neuroscience (SCAN) Lab
 Mentor: Bruce Bartholow, Ph.D.

August 2017 – May 2018

Undergraduate Honors Capstone Student

- Worked directly with my mentor in composing an honors thesis manuscript. Met frequently throughout the year, discussed the area of research and study at hand, and received significant guidance in the writing process.
- Experienced an immersive, enriching opportunity in the area of psychological research and introduction to writing academic manuscripts.
- The purpose of the study was to examine the acute effects of alcohol on working memory updating as measured by performance on three behavioral tasks.

Department of Psychology, University of Missouri
 Attitude and Decision-Making Laboratory
 Principal Investigator: Laura Scherer, Ph.D.

February 2018 – May 2018

Research Assistant

- Obtained participants' consent for a study and facilitated the completion of questionnaires
- The purpose of the study was to examine judgments, attitudes, and feelings related to a current political issue as well as the actions that may be taken or events that may happen.

Missouri Orthopedic Institute
 Department of Orthopedic Surgery
Student Assistant Clerical

January 2015 – February 2018

- Worked as a medical scribe for multiple orthopedic surgeons. Had personal interactions by documenting the extensive conversations between patients and providers, including the interpretations of diagnostic imaging.

- Assisted in the Chairman's office by answering patient/office calls, sending messages, and handling special projects that were crucial in improving clinic efficiency and data on provider's availabilities

Volunteer and Outreach Experience

University of Missouri STRIPES

Member

January 2015 – May 2018

Friday Night Operations Coordinator

January 2017 – December 2017

Membership Analyst Coordinator

January 2016 – December 2016

- STRIPES (Supportive Tigers Riding In Pursuit of Ensuring Safety) is a free safe-ride-home program that operates every Thursday-Saturday from 10:00pm to 3:00am during school semesters. The program is rooted in ideals of being safe, inclusive, non-judgmental, and confidential.
- Volunteered for 65 nights during my entire time in the organization.
- Membership Analyst Coordinator
 - Continually discovered ways to track our membership involvement and the distribution between men and women, per university policy.
 - Organized the application and interview process which included reading and interviewing applicants, compiling the application data, and determining which applicants to accept.
- Friday Night Operations Coordinator
 - Managed operations every Friday night during the semester, which incorporated overseeing the other executives and members volunteering, ensure all procedures were being followed, address safety/security concerns, dispatch cars, and handle any other situations that may arise.

Phi Sigma Pi National Honor Fraternity, Delta Xi Chapter

October 2015 – May 2018

Member

- Phi Sigma Pi is a gender-inclusive honor fraternity founded upon a tripod of three ideals: scholarship, fellowship, and leadership.
 - Member of the Parliamentarian committee and assisted in implementing crucial legislation changes.
 - Participated in many service activities including highway cleanups, volunteering at the Central Missouri Food Bank, and attending events that further the scholarship of the organization.
 - After multiple rounds of a selective process and intensive training, I had the privilege of being accepted to join a group of individuals that were focused on the advancement of the Mizzou and Columbia communities

Mizzou Alternative Breaks

Fall 2016

Site Leader

- Mizzou Alternative Breaks is an organization that sends trips of students during the semesters and over breaks to provide various services for communities all across the nation.
 - Led a group of 10 individuals to Springfield, MO where we assisted in running events for the Special Olympics of Missouri
 - Established service in our location, located housing for all 12 students, and chose applicants
 - Facilitated weekly lessons designed to educate our participants about the mission of our service, the organization, and differences of backgrounds and privilege.

Additional Involvement

University of Missouri, Concert Chorale

August 2014 – December 2015

University of Missouri, Hitt Street Harmony Jazz Ensemble

August 2014 – May 2015

Software Skills

- Statistical Programs: proficient in R and SPSS
- Other: familiar with Bash/UNIX, proficient in Microsoft Office, Mac OS, and Windows OS
- Extensive knowledge of QuicDoc, Office Therapy, Cerner Powerchart, GE IDX