

2024 McNair Summer Research Presentations

One component of the TRIO McNair Scholars Program is a 10-week summer research project. Each year students work with a faculty mentor on a specific topic, culminating in a final paper and presentation. At the end of the month, students will present their research at the 2024 National McNair Conference at UCLA. If you would like the opportunity to see these presentations at Augsburg, please join us on Monday, July 22, from 9:00am to 12:30pm in HC 150. This event is open to all students, faculty and staff. See below for a full list of presenters.

Note: Individual presentations are 10-12 minutes long. There will be time at the end of each group for questions and evaluations. Please try to arrive at the start of each group block to minimize disruptions during the presentations.

For a detailed presentation schedule with research titles, please visit the link below.

GROUP 1 (SSHA): 9:00 - 9:55am

Nina Kemu Makem

Jesse Haroldson

Veronica Arellano Martinez

Alexa De Leon Padilla

GROUP 2 (SSHA): 10:05 - 11:10am

Nick Parkos

Markeda Dixon

Teresa Kemp

Lee'RayVone G'everdloaahn

BREAK: 11:10 - 11:20am

GROUP 3 (NSMSCS): 11:20am - 12:05pm

Luís Escobar

Daniel Retic

Amina Aden

Email to campus stakeholders:

McNair Scholars will be presenting their research on Monday 7/22 from 9 AM - 12:30 PM in Hagfors 150. These presentations are a culmination of 10-weeks of intensive research under the mentorship of faculty, and will provide the Scholars an opportunity to receive feedback before they present at the 2024 UCLA National McNair Conference in California later in the week. All Augsburg faculty, staff, and students are invited to attend! (And please feel free to invite colleagues and others in your department)

See below for a detailed presentation schedule.

Note: Individual presentations are 10-12 minutes long. There will be time at the end of each group for questions and feedback. Please try to arrive at the start of each group block to minimize disruptions during the presentations.

Group 1 (SSHA): 9:00 - 9:55am

Nina Kemu Makem, Exercise Science

Dr. Tara Mader

Impact of a single resistance training session on levels of stress and anxiety in college students

Jesse Haroldson, Political Science

Dr. Kristen Chamberlain

Investigating Political Polarization in Minnesota

Veronica Arellano Martinez, Sociology

Dr. James Vela-McConnell

Individual and Communal Manifestations of Trauma: The Murder of George Floyd and the Mental Health of College Students and the Minneapolis Community

Alexa De Leon Padilla, Sociology

Dr. James Vela-McConnell

Investigating the Attitudes of Catholics Towards the Catholic Church After the Sex Abuse Scandals

Group 2 (SSHA): 10:05 - 11:10am

Nick Parkos, Psychology

Drs. Ben Denkinger & Henry Yoon

The P3 Event-Related Brain Potential and Substance Use Disorder Risk

Markeda Dixon, Psychology

Drs. Ben Denkinger & Henry Yoon

Perception & Categorization of Faces in the N170 response and Event-related potentials

Teresa Kemp, Psychology

Dr. Evren Guler

Exploratory Study on Parental Involvement in Early Childhood within East African Immigrant Communities in Minneapolis

Lee'RayVone G'everdloaahn, Psychology, CRES

Dr. Alex Ajayi (UMN)

Intersectionality and Identity Development in Black Men

Group 3 (NSMSCS): 11:20am - 12:05pm

Luís Escobar, Biology

Dr. Matthew L. Beckman

The Effect of Manganese on Daphnia Magna Life History: Lifespan, Growth, and Reproduction

Daniel Retic, Physics

Dr. Daniel Hickox-Young

Developing a Machine Learning Model to Discover New Dielectric Materials

Amina Aden, Biology

Dr. Jason Tan

Isolation of Bacteriophages for Dental Caries Treatment Targeting: Streptococcus mutans

[Learn more about the TRIO McNair Scholars Program at Augsburg](#)

Best,