Phillip A. Angelos

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Education

Boston University | Boston, MA   *Sep. 2025 - Present*
PhD in Computing and Data Sciences

Michigan State University | East Lansing, MI   *Aug. 2019 - May 2023*
Bachelors of Science in Psychology, with Honors   *3.81 GPA, 3.93 Major GPA*
Minors in History & Peace and Justice Studies

Research Interests

I am interested in the intersection of artificial intelligence and psychological/medical research. More specifically, the application of methodologies such as LLMs and recurrent neural nets. I plan to implement and improve upon these methodologies to optimize translational models and bridge theoretical insights through machine learning.

Research Experience

Post-Graduate Assistant | Yale Powers Lab | New Haven, CT   *July 2023 - July 2025*
- Collaborated with a Yale graduate student to design and optimize a Spherical Convolutional Neural Network (SCNN) integrating DeepSurv for sMRI data analysis, leveraging voxel-based morphometry to predict psychosis conversion in high-risk populations.
- Developed research tasks across JavaScript, Python and MATLAB - created a custom Python Script to automate participant data formatting for NIH/NIMH grant compliance.
- Led MRI and EEG data collection sessions, implementing preprocessing pipelines to ensure data integrity.
- Administered, scored, and reviewed SCID and SIPS clinical interviews.

Undergraduate RA | The Beliefs Systems Lab | East Lansing, MI   *Feb. 2022 - May 2023*
- Co-led the development of experimental materials for a replication and extension study of Pennycook et al.'s (2018, JEP:G) seminal work on prior exposure effects in fake news perception.
- Analyzed and processed over 500 open-ended survey responses to examine everyday worries, contributing to a study on the intersection of perceived threats and political attitudes.
- Contributed to the development of materials for a PhD thesis investigating the theory of group blame for historical atrocities, including designing a tailored vignette to serve as task stimuli.

Undergraduate RA | Pride and Envy Project | East Lansing, MI   *Mar. 2022 - May 2023*
- Optimized daily diary data collection through Qualtrics, ensuring survey administration and resolved technical challenges to streamline automated sample acquisition.
- Conducted data cleaning and analysis using Python and Jasp, implementing quality control measures to flag incomplete or suspect responses.

- Recruited participants from leading Michigan universities, such as the University of Michigan and Wayne State University.

Teaching Experience _____

PSY200 | Michigan State University | East Lansing, MI   *Aug. 2022 - Dec. 2022*
- Conducted in-person office hours, supporting students with lecture notes, content review, and assignment progress.
- Prepared and delivered mini lectures on cognitive psychology concepts, focused on decision-making and cognitive control.

PSY235 | Michigan State University | East Lansing, MI   *Jan. 2023 - May 2023*
- Provided comprehensive student support through online office hours, assisting with course material and academic skill development.
- Graded closed- and open-response coursework using established rubrics.

Awards, Honors, & Memberships _____

- Dr. Lauren Harris PSY Scholarship ($2000 award)   *Dec. 2022*
- MSU Greek Life All-Around Spartan Award   *Nov. 2022*
- Psi Chi National Honors Society Member
- Order of Omega Honors Society Member
- Michigan State University Dean's List   *Sep. 2021 - May 2023*

Publications & Presentations _____

Angelos, P., Palmer, W, Powers, A., Cannon, T. (2025). *Spherical Convolutional Neural Networks and DeepSurv: Deep Learning and Predictions in CHR-P.* [In preparation].

Angelos, P. A., Epie, B., Mourgues-Codern, C., Greenwald, M., Palmer, W., Vega, A., Powers, A. (2025). *Understanding the Mediating Influence of Control between Thought Suppression and Symptom Severity.* [Manuscript in preparation]. Department of Psychiatry, Yale University

Albert Powers; **Phillip A. Angelos**; Alexandria Bond; Emily Farina; Carolyn Fredericks; Jay Gandhi; Maximillian Greenwald; Gabriela Hernandez-Busot; Gabriel Hosein; Megan Kelley; Catalina Mourgues; William Palmer; Julia Rodriguez-Sanchez; Rashina Seabury; Silmilly Toribio; Raina Vin; Jeremy Weleff; Scott Woods; David Benrimoh (2024) *A computational account of the development and evolution of psychotic symptoms* [In Press]

Skills & Certificates _____

Languages: **English, Spanish**
Programming: **Python**, R, NetLogo, JavaScript, Julia, CUDA, MATLAB
Applications: Qualtrics, REDCap, SPSS, **Photoshop**, Bridge, Illustrator, Premiere Pro

Extracurriculars _____

- Psi Chi, Michigan State University Chapter Treasure
- Immortals E-Sports Social Media and Marketing Intern
- Inter-fraternity Council, Vice President of Communications
- Psychology Club Member
- MSU League of Legends Player and Coach

- MSU Intramural Sports Referee
- Lake Orion Flag Football Commissioner
- Lake Orion Special Olympics Coach