Jackson Powell – CV, Brief

Stanford University

CONTACT INFORMATION

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Personal Website

EDUCATION

Stanford University 2026 – present
Ph.D., Bioengineering

Notable coursework:
- ML Methods for Neural Data Analysis (NBIO 220)

Stanford University, School of Medicine 2024 – present
M.D., Medicine
Medical Scientist Training Program (link)

University of Pennsylvania · *summa cum laude* 2020 – 2024
B.A., Biochemistry (with Distinction) & Biology
Vagelos Molecular Life Sciences Scholar (link)

Notable coursework:
- Brain-Computer Interfaces (BE 5210)
- Mathematical Modeling in Biology (BIOL 5680)
- Laboratory Electronics (PHYS 3364)

HONORS AND AWARDS

Hertz Fellowship (link)	2026
Founder's Award (awarded to two in biochemistry)	2024
Phi Beta Kappa (honors society, link)	2024
Vagelos Challenge (full tuition senior year, link)	2023

RESEARCH

Google Scholar: (link); ORCiD: (link)

Deisseroth Lab, Stanford University (link) 2025 – present

Advisor: Karl Deisseroth, M.D., Ph.D.
Social interaction, autism, memory

Ramayya Lab, Stanford School of Medicine (link) 2024

Advisor: Ashwin Ramayya, M.D., Ph.D.
Anticipation, prediction-error encoding

Song Lab, Children's Hospital of Philadelphia (link) 2021 – 2024

Advisor: Yuanquan Song, Ph.D.
Axon regeneration, glia-neuron interactions

TEACHING

Teaching Assistant
University of Pennsylvania:

PHYS 3364 / 5564, Laboratory Electronics (link)	Fall, 2023
BIOL 3310, Principles of Human Physiology (link)	Fall, 2023
PHYS 3364 / 5564, Laboratory Electronics (link)	Spring, 2023

Tutoring

Stanford Clinical Summer Internship (CSI) Instructor	Summer, 2025
Philadelphia HS for Girls, Science Olympiad at UPenn	Spring, 2023
Central HS, Science Olympiad at UPenn	Fall, 2022