Andrew Ezra Sutter

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EDUCATION

Carnegie Mellon University | Pittsburgh, PA
PhD Systems Neuroscience (PSN) 2023 – Present
Co-advisors: S. Shushruth and Timothy Verstynen

Drew University | Madison, NJ 2019 – 2023
B.S., Neuroscience, Minor in Physics
Honors Thesis: *Evaluating developmental shape selectivity from simultaneous multi-unit recordings along the ventral visual pathway*

RESEARCH EXPERIENCE

Graduate Research Assistant | **Carnegie Mellon University** | Pittsburgh, PA 2024 – Present
Co-advisors: S. Shushruth & Timothy Verstynen

Assistant Research Scientist | **New York University** | New York, NY Jun 2021 – 2023
Co-advisors: J. Anthony Movshon & Lynne Kiorpes

Assistant Research Scientist | **Drew University** | Madison, NJ Dec 2020 – May 2021
Advisor: Minjoon Kouh

PUBLICATIONS

1. **Sutter AE**, Lee GM, Oleskiw TD, Majaj NJ, Kiorpes L, Movshon JA. Curvature tuning in areas V2 and V4 of the developing macaque. *In preparation, draft available upon request.*
2. Murray J, **Sutter A**, Lobifaro A, Cousens G, Kouh M. 2022. Incorporation of prior knowledge and habits while solving anagrams. *J Eye Mov Res* 15(5):5. https://bop.unibe.ch/JEMR/article/view/8622/11939

POSTERS

1. **Sutter AE**, Lee GM, Oleskiw TD, Majaj NJ, Kiorpes L, Movshon JA. Evaluating developmental shape selectivity from simultaneous multi-unit recordings along the ventral visual pathway. *VSS*. 2023 May 22 St. Pete's Beach, Florida, USA
2. Oleskiw TD, Elder J, Lee GM, **Sutter AE**, Pasupathy A, Simoncelli E, Movshon JA, Kiorpes L, Majaj N. 2023. V4 neurons are tuned for local and non-local features of natural planar shape. *COSYNE*. 2023 Mar 11 Montreal, Quebec, Canada
3. **Sutter AE**, Lee GM, Oleskiw TD, Movshon JA. 2022. Comparing curvature and pixel models of shape selectivity across macaque ventral visual pathway. *Simons Foundation Intern Symposium*. 2022 Aug 3 New York, NY.

HONORS & AWARDS

Research

- *T90 – Interdisciplinary Training in Computational Neuroscience,* Carnegie Mellon University 2023-2024
- *Simons Collaboration on the Global Brain Research Fellow*, Simons Foundation Aug 2022 – May 2023
- *Baldwin Research Grant*, Drew University Aug 2022 – May 2023
- *Simons Foundation Center of Computational Neuroscience (CCN) Internship* Jun 2022 – Aug 2022
- *National Science Foundation (NSF) REU* – NYU Center of Neural Science SURP Jun 2021 – Aug 2021

Academic

- *Dietrich Scholars Fellowship*, Carnegie Mellon University 2023 – 2024
- *Novartis award in Neuroscience,* Drew University 2023
- *Tracey J. Shors Neuroscience Prize*, Drew University 2022
- *Baldwin Honors Scholar*, Drew University 2019 – 2023
- *Dean's List*, Drew University 2019 – 2023

TEACHING EXPERIENCE

- *Private Tutor* | Pittsburgh, PA 2023 – Present
- *Private Tutor* | Madison, NJ Jan 2021 – May 2022
- *Subject Tutor* | Drew University - Center of Academic Excellence | Madison, NJ Aug 2020 – Dec 2021
- *Lab Teaching Assistant* | Drew University - Chemistry Department | Madison, NJ Jan 2021 – May 2021

- *Online Learning Fellow* | Drew University - CHEM 150 | Madison, NJ Aug 2020 – Dec 2020

LEADERSHIP EXPERIENCE

- *President* | Drew University Society of Physics Students | Madison, NJ Aug 2021 – May 2022
- *Baldwin Honors Housing Board Lead* | Drew University | Madison, NJ Jan 2021 – May 2023
- *Activities Coordinator* | Drew University Society of Physics Students | Madison, NJ Aug 2020 – May 2021

TECHNICAL SKILLS

- *Programming Languages*: MATLAB, Python (NumPy, SciPy, sklearn, pandas, matplotlib), R
- *3D Modeling*: Shapr3D, Blender