

# KELVIN CHEN

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Website: [k9chen.github.io](https://k9chen.github.io)

## EDUCATION

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|--|------------------------|
| <b>University of Virginia</b> , Charlottesville, VA                              | 2022 – 2026 (Expected) |
| • B.A., Neuroscience & Cognitive Science   |                        |
| <b>New Horizons Governor's School for Science &amp; Technology</b> , Hampton, VA | 2020 – 2022            |
| • Dual Enrollment, Biological Sciences   |                        |
| <b>Woodside High School</b> , Newport News, VA                                   | 2018 – 2022            |
| • Advanced Studies Diploma   |                        |

## ACADEMIC INTERESTS

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Translational neuroscience, nervous system disorders, neuroimaging, applied neuroethics

## RESEARCH EXPERIENCE

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| <b>Barrow Neurological Institute</b> , Phoenix, AZ                           |             |
| • Research Intern, Dortch Lab  | Summer 2023 |
| Dept. of Translational Neuroscience, Advisor: <a href="#">Richard Dortch</a> |             |
| <b>UVA School of Medicine</b> , Charlottesville, VA                          |             |
| • Undergraduate Researcher, Zhu Lab  | 2022 – 2023 |
| Dept. of Pharmacology, Advisor: <a href="#">Julius Zhu</a>                   |             |
| <b>Hampton University</b> , Hampton, VA                                      |             |
| • Research Intern, Njoki Lab   | 2021 – 2022 |
| Dept. of Chemistry & Biochemistry, Advisor: <a href="#">Peter Njoki</a>      |             |

## PUBLICATIONS

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### Editorial

- Chen, K. *On the Psychological Disembodiment of Autonomy and Agency in Patients with Brain-Computer Interface Implants*. Grounds: The Virginia Journal of Bioethics, 2023.
- Chen, K. *Moral Status in Cerebral Organoids, Gastruloids, and Chimeras*. Grounds: The Virginia Journal of Bioethics, 2023.
- Chen, K. *The Inadvertent Consequences of Scanning the Human Brain*. Grounds: The Virginia Journal of Bioethics, 2023.
- Chen, K. *Towards a Brave New World: The Huxleyan Reality of Using Pharmacological Neuroenhancement*. Grounds: The Virginia Journal of Bioethics, 2023.

## PRESENTATIONS

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### Poster

- Barrow Neurological Institute REU Symposium 2023  
*Spherical Mean Technique-Based Multi-Compartmental MRI Modeling for Peripheral Neuropathy Imaging*

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<sup>1</sup>Updated June 27, 2023

## TEACHING EXPERIENCE

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### University of Virginia, Charlottesville, VA

- Teaching Assistant, CHEM 1811: Principles of Chemical Structure Lab (Accelerated) Fall 2023

## AWARDS & GRANTS

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- University Achievement Award Scholarship, UVA 2022
- Distinguished Research Mentorship Award, NHGSST 2022
- Valedictorian, WOHS 2022

## SERVICE & OUTREACH

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- Editor, Grounds: The Virginia Journal of Bioethics 2023 – Present
- Senior Translator, The Cavalier Daily 2023 – Present
- Copy Editor, The Oculus: The Virginia Journal of Undergraduate Research 2022 – Present
- Investigator, University Judiciary Committee 2022 – Present
- Senior Associate, The Blossom Together Association 2022 – Present
- Medical Services Volunteer, Madison House 2022 – Present

## AFFILIATIONS

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- Undergraduate Research Network 2022 – Present

## TECHNICAL SKILLS

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### Programming

- MATLAB, Python, R