

# Can Kam

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## EDUCATION

**Dartmouth College**, Hanover, NH, USA

**June 2027**

*Bachelor of Arts, Major in Neuroscience and Biological Chemistry, Minor in Music:*

**GPA: 3.62/4.00**

Relevant Coursework: Statistics, Neuromarketing, Cellular & Molecular Neuroscience, Behavioral Neuroscience/Psychology, Cellular Biology, Biochemistry, Intro to Neuroscience, Organic Chemistry, General Chemistry, Mechanics, Calculus, Music, Health, Equity, & Culture.

**University of Oxford, Trinity College**, Oxford, UK

**January 2026 - March 2026**

Coursework: Enzymes (A), Neuropharmacology (A) and Neurodegenerative Diseases (A)

## RESEARCH & WORK EXPERIENCE

**Yale University School of Medicine, Department of Neurology**, New Haven, CT, USA

**June 2026 - September 2026**

*Visiting Undergraduate Intern*

- Participate in research on long-term cognitive and clinical outcomes in epilepsy, including projects on New-Onset Refractory Status Epilepticus (NORSE/FIRES) and Accelerated Long-Term Forgetting in Epilepsy (ALFIE).
- Contribute to literature reviews and learn REDCap-based data management, with exposure to neuromodulation therapies such as responsive neurostimulation (RNS) and to elements of study design and data interpretation.

**Yeh Lab at Dartmouth Geisel School of Medicine**, Hanover, NH, USA

**June 2025 - Current**

*Undergraduate Research Assistant*

- Processed 1,000+ biological tissue sections using standardized IHC protocols to evaluate how prenatal alcohol exposure modulates Alzheimer's-related pathology, ensuring reliable data for hypothesis-driven analysis.
- Quantified  $\gamma$ -secretase activity and protein biomarkers across 500+ samples via Western blotting and microscopy, documenting results in ImageJ-Fiji for comparative analyses of therapeutic targets.

**Dartmouth Initiative for Research on Energy Communication Transformation (DIRECT) Lab**, Hanover, NH, USA

**March 2025 - Current**

*Undergraduate Research Assistant*

- Designed a 2x3x2 factorial experiment to test how emotional framing influences sustainable consumer choices, mirroring A/B-style testing used in commercial strategy.
- Processed multi-modal physiological data (EEG, eye-tracking, GSR) from 150 participants, implementing quality checks to ensure robust insights into drivers of consumer behavior.

**Novartis**, Istanbul, Turkey

**December 2025**

*Clinical Operations Intern*

- Evaluated SOPs and GCP compliance, identifying documentation gaps that informed process improvements in quality control and regulatory alignment.
- Executed pharmacovigilance workflows (adverse event collection, medical review, regulatory submission), ensuring timely, compliant case processing.
- Mapped documentation flows to support systematic oversight, risk detection, and data-driven decision-making.

**Dartmouth Social Identity and Dialogue (SID) Lab**, Hanover, NH, USA

**September 2024 - September 2025**

*Undergraduate Research Assistant*

- Analyzed audio, video, and physiological data from 50+ interracial mentoring conversations to identify anxiety-related behavioral cues and stress patterns impacting dialogue quality.
- Conducted ANOVA and regression in Excel to quantify emotion's effect on conversation outcomes, contributing quantitative results to a manuscript on anxiety in intergroup dialogue.

**Florence Nightingale Hospital**, Istanbul, Turkey

**August 2024 - September 2024**

*Shadowing Intern*

- Supported 20+ diagnostic case reviews by interpreting CT, MRI, and EEG findings for neurodegenerative and epilepsy cases, observing how imaging results inform therapeutic decisions.
- Observed pre-/post-operative consultations and neurological exams for 50+ patients, gaining exposure to clinical workflows and multidisciplinary care.

## LEADERSHIP & SERVICE

**American Lung Cancer Screening Initiative (ALCSI)**, Hanover, NH, USA

**May 2025 - Current**

*Chapter President*

- Founded Dartmouth's chapter of a national non-profit, recruiting and managing 10+ volunteers and partnering with Dartmouth Hitchcock Medical Center to expand lung cancer screening for high-risk individuals.
- Led outreach campaigns addressing lung cancer disparities, organizing events that delivered early-detection education and screening resources to underserved populations across New England.

## PUBLICATIONS

- **Neural and Partisan Dynamics of "Warm Glow" Influence on Pro-Environmental Behavior - CSU Journal of Sustainability and Climate Change (accepted, September 2025).** Synthesized 40+ peer-reviewed articles on neural, behavioral, and political drivers of consumer decision-making to identify levers for pro-environmental behavior
- **Neuroscience Handbook - Neuroscience 101 (Caretta Books, 1st ed., November 2022).** Authored and published an illustrated primer translating complex neuroscience into accessible language for a general audience.

## SKILLS & CERTIFICATIONS

- **Skills:** Python, R, MATLAB, Stata, Excel, Qualtrics, Microsoft Office; statistical analysis (ANOVA, regression), predictive modeling (HMM), data integrity management; ChatGPT, Claude, Copilot for literature review and synthesis; GCP, SOP review, pharmacovigilance workflows, REDCap; Western blotting, IHC, PCR, microscopy; exposure to NMR, GC-MS, chromatography, cryo-EM, X-ray crystallography.