

# Interdisciplinary Research Projects

Funded opportunities for exceptional undergraduate and Ph.D. students in:

- Mathematics: graph theory, harmonic analysis, optimal transport, statistical learning
- Data Science: unsupervised & active learning, deep learning
- Applications: molecular dynamics, image processing, anomaly detection

Ideal candidates possess:

- Background in analysis, probability & statistics, and algorithms
- Strong Python/MATLAB and unix skills
- Interest in a collaborative, multi-year project

**Contact:**

Prof. James M. Murphy

<https://jmurphy.math.tufts.edu/>

[jm.murphy@tufts.edu](mailto:jm.murphy@tufts.edu)



THE CAMILLE & HENRY DREYFUS FOUNDATION