



UNIVERSITY OF
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GLENN L. MARTIN INSTITUTE OF TECHNOLOGY
A. JAMES CLARK SCHOOL OF ENGINEERING
DEPARTMENT OF MECHANICAL ENGINEERING

PhD Opportunities in Energy Transport and Conversion – University of Maryland

We are seeking highly motivated PhD students who are passionate about transforming the global energy landscape and tackling grand challenges in science and engineering.

Students in our group will engage in **cutting-edge experimental and/or computational research** focused on nano- to macro-scale energy transport and conversion. Our projects combine principles of physics, materials science, and mechanical engineering, with opportunities to integrate data science and computation.

🔗 Learn more about our work: [Energy Transport Lab](#)

Qualifications:

- Bachelor's degree in Engineering or a closely related field (Master's degree preferred but not required).
- Strong academic background in physics, materials science, and/or mechanical engineering.
- Research experience is highly valued.
- Additional expertise in computer science, programming, or simulation tools is a plus.

Support & Benefits:

- Full tuition scholarship.
- Competitive stipend for living expenses and housing.

Application Process:

Interested candidates should send the following to **Dr. Ash Giri** (ashgiri@umd.edu):

- Curriculum Vitae (CV)
- Brief introduction (including research experience and academic background)
- Applicants with a Master's degree or those completing one should highlight this in their introduction.

Ash Giri
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