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Ph.D. Student Recruitment in the Process Technology and Advanced Materials Research Lab
Purdue University

Direct Link: https://www.AcademicKeys.com/r?job=229250
Downloaded On: May. 9, 2024 1:49am
Posted Jan. 22, 2024, set to expire May 23, 2024

Job Title	Ph.D. Student Recruitment in the Process Technology and Advanced Materials Research Lab
Department	School of Engineering Technology
Institution	Purdue University West Lafayette, Indiana
Date Posted	Jan. 22, 2024
Application Deadline	Apr. 1, 2024
Position Start Date	Aug. 15, 2024
Job Categories	Graduate Student
Academic Field(s)	Polymer Science Mechanical Engineering Material/Metallurgy Ecological and Environmental Energy Technology Electrical and/or Electronics Chemical/Petroleum Engineering - Other
Job Website	http://baylorme.wixsite.com/leethinfilm
Apply By Email	sunghlee@purdue.edu

Job Description

Title: Ph.D. Graduate Student Recruitment at Purdue University (Main Campus) in the Process Technology and Advanced Materials Research Lab

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Prof. Lee at Purdue University is recruiting Ph.D. students for the Process Technology and Advanced Materials Research Lab.

Website: http://baylorme.wixsite.com/leethinfilm

Email: sunghlee@purdue.edu

1. General Research & Recruitment Areas:

- Advanced Materials Processing

- Emerging (Multi-)Functional Materials for Energy, Sensing, Information Processing, and Computing

- National Science Foundation (NSF) projects, including national and corporate projects

- Recruitment Area: Improvement of battery performance and mitigation of degradation through Functional CVD polymers (using oxidative CVD & initiated CVD polymer materials).

2. Recruitment Process (Eligibility) and Number of Positions:

- Ph.D. program: 2-3 positions

- Priority given to candidates with a master's degree (or expected to obtain one) and those with experience in undergraduate research in related fields. Exceptional candidates with a strong bachelor's degree in relevant fields are also welcome to apply.

- Majors considered for Applicants: Materials/Advanced Materials Engineering, Electrical Chemistry, Chemical Engineering, or Semiconductor Device Engineering

- Starting in the August 2024 semester (or January 2025 semester)

3. Submission Documents:

Interested candidates are invited to submit their CV to the following email for consultation (sunghlee@purdue.edu

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- CV/Resume: Include a cover letter explaining motivation for application and research experience, along with **a list of at least two references** (position and contact information) and **publications**. Please send all achievements via email to sunghlee@purdue.edu .

- English Proficiency: TOEFL (or IELTS) scores are required and must meet the following criteria. (GRE scores are not currently required temporarily)

o TOEFL: Internet-Based Test (IBT): Minimum Overall Required Score: 80

Minimum Section Requirements:

Reading: 19

Listening: 14

Speaking: 18

Writing: 18

o IELTS (Academic Module): Minimum Overall Required Score: 6.5

Minimum Section Requirements:

Reading: 6.5

Listening: 6.0

Speaking: 6.0

Writing: 5.5

4. Application Details (Benefits):

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Research Assistantship (RA) or Teaching Assistantship (TA) with full tuition coverage and living stipend.

5. Application Schedule:

For those available to start in the August 2024 semester, please expedite the consultation and application process along with the required documents mentioned above. (Considering the urgency due to the application deadline)

Submit application documents via email for consultation to sunghlee@purdue.edu .

Contact Information

Please reference Academickeys in your cover letter when applying for or inquiring about this job announcement.

Contact Sunghwan Lee
School of Engineering Technology
Purdue University
West Lafayette, IN 47907

Contact E-mail sunghlee@purdue.edu