

Postdoctoral Scholar Position – Synthetic Polymer
Chemistry
Florida A&M University - Florida State University College
of Engineering

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Posted Dec. 16, 2024, set to expire Apr. 17, 2025

Job Title	Postdoctoral Scholar Position – Synthetic Polymer Chemistry
Department	Chemical and Biomedical Engineering
Institution	Florida A&M University - Florida State University College of Engineering Tallahassee, Florida
Date Posted	Dec. 16, 2024
Application Deadline	Open until filled
Position Start Date	Available immediately
Job Categories	Post-Doc
Academic Field(s)	Materials Sciences/Polymer Sciences Chemistry - Organic Chemistry - General
Job Website	https://chy979797.wixsite.com/chunggroup
Apply By Email	
Job Description	

Postdoctoral Scholar Position – Synthetic Polymer Chemist

The Sustainable and Biomedical Polymers Lab (Chung Group) in the Department of Chemical and Biomedical Engineering at the FAMU-FSU College of Engineering invites applications for postdoctoral scholar positions. More information about the lab can be found [here](https://chy979797.wixsite.com/chunggroup) (<https://chy979797.wixsite.com/chunggroup>).

Position Overview

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Project 1: Design, synthesize, and characterize multifunctional, degradable, and recyclable polymers and biomedical adhesives. This work involves a fundamental understanding of structure-property relationships in bottlebrush and linear polymers.

Project 2: Synthesize biomass lignin-based sustainable polymers. Key tasks include the organic synthesis of new monomers and subsequent polymerization to create sophisticated, well-defined polymers.

The new postdoc will be involved in both projects, with a primary focus on organic polymer synthesis.

Qualifications

- **Education:** Ph.D. in Chemistry, Polymer Science, or a related field.
- **Experience:** Proven expertise in organic and/or polymer chemistry (monomer synthesis and polymerization). Strong background in multi-step organic synthesis.
- Familiarity with polymer physics and polymer characterization techniques (SEC, NMR, FTIR, UV-Vis, tensile testing, rheology) is desirable. Independence, creativity, and excellent oral and written communication skills are essential.

About the Institution

The FAMU-FSU College of Engineering is a joint engineering college between Florida Agricultural and Mechanical University (FAMU) and Florida State University (FSU), offering unique benefits and research opportunities. The college boasts excellent facilities for polymers, materials, and chemistry research. The Chung Group, located on FSU's main campus, supports postdocs with ample resources for research publication and knowledge enhancement. The Chung Group's research is highly interdisciplinary, distinguishing itself as a unique polymer synthesis group within an engineering department.

Application

Interested candidates should send their full CV, including a list of publications and references, electronically to Professor Hoyong Chung at hchung@eng.famu.fsu.edu. For further inquiries, please contact Professor Chung at the same email address.

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Contact Information

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

Contact Hoyong Chung
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