



# Venture for Innovation in Self-assembly and Integration of Optoelectronic Nanostructures



## Undergraduate Research Opportunity in Advanced Material Science

Offered by the VISION-PREM Program



### ABOUT THE FELLOWSHIP

Are you ready to shape the future of technology?  
The VISION program at UC Merced is seeking interested undergraduate researchers to join our projects on:

- Developing novel quantum emitters for future technologies
- Exploring DNA-templated colloidal quantum dots
- Investigating atomic emitters in 2D materials
- Creating nanoscale structures for quantum light manipulation

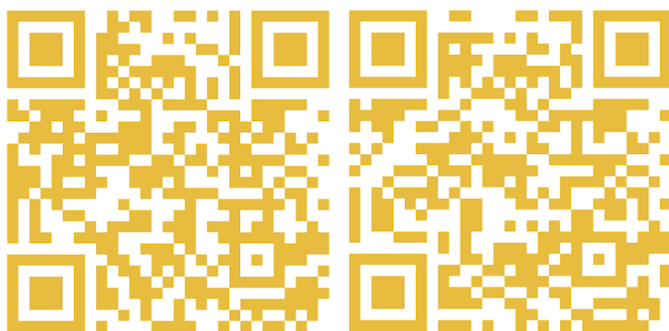
#### What we offer:

Hands-on experience with cutting-edge quantum materials;  
Enhanced skills in nanoscience and quantum engineering;  
Opportunities for professional growth and networking;  
A stipend of \$1000/semester.

Undergraduate students from all STEM majors are welcome to apply! Sophomores and above will be given priority.

### APPLICATION INFORMATION

Apply Here:      PREM Website:



Application Deadline:  
April 29, 2025, 11:59pm

Fellowship Period:  
Fall Semester 2025



Questions:  
vision-prem@ucmerced.edu