

College of Engineering

General Information Session | Arrive Ready Series



WE ARE THE UNCOMMON.



VCU
Virginia Commonwealth University
School of Engineering West Hall

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Academic Departments

- Biomedical Engineering*
- Chemical & Life Science Engineering*
- Computer Science*
- Electrical & Computer Engineering*
- Mechanical & Nuclear Engineering*
- Pharmaceutical Engineering (PhD)

**Oversees additional degrees*

Master's Programs and Concentrations

- Biomedical Engineering
 - Rehabilitation Engineering
 - Tissue Engineering and Regenerative Medicine
- Computer and Information Systems Security
- Computer Science
- Data Science
- Mechanical and Nuclear Engineering*
- Engineering
 - Aerospace Engineering*
 - Artificial Intelligence
 - Chemical and Life Science Engineering
 - Electrical and Computer Engineering
 - Engineering Management*
 - Environmental and Sustainable Engineering
 - Systems Engineering

**Program available online*

Master's Application Process

We review applications on a rolling basis; apply [here](#).

Required Materials

1. Statement of intent (not required by all programs)
2. Letters of recommendation (not required by all programs)
3. Transcripts
4. English language proficiency test scores (IELTS, TOEFL, Duolingo, etc.)
5. Application fee

Not Required

- GRE general test scores
- Foreign credential evaluation (e.g., WES or ECE)

VCU Bulletin

- Official [resource](#) for program admission and degree requirements

Investigating Cadherin Mediated Cell-Matrix Interactions in Collective Cell Migration
Prabha Senani, Sohrab K. Topi, Catherine E. Leonard, Priscilla Y. Huang
Department of Biomedical Engineering, Virginia Commonwealth University

Objective & Hypothesis

Methodology

Results



Strong Electrostatic Adsorption

Materials
Department of Chemical and Environmental Engineering

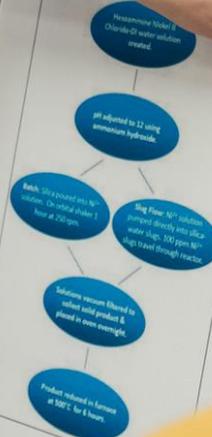
Introduction

Purpose:

- Make the catalyst synthesis process more efficient.

What is Slug Flow?

- Slug flow is a two-phase flow consisting of gas and an aqueous liquid. The liquid slugs act as miniature batch reactors in a continuous flow process.



Strong Electrostatic Adsorption (SEA)

Strong Electrostatic Adsorption (SEA) is a method for synthesizing metal-based catalysts, where metal ions are adhered onto an oxide support structure.

- To achieve maximum

Doctoral Application Process

We review applications on a rolling basis; apply [here](#).

Required Materials

1. Statement of Intent
2. Three (3) Letters of Recommendation
3. Transcripts
4. GRE general test scores (based on program)
5. English language proficiency test scores (IELTS, TOEFL, Duolingo, etc.)
6. Application fee

Not Required

- Foreign credential evaluation (e.g. WES or ECE)

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- Official [resource](#) for program admission and degree requirements



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Funding and Helpful Resources

- Financing a Degree
 - Master's students are self-funded and scholarships are unavailable
 - Doctoral students must seek a faculty advisor before receiving a graduate assistantship
 - Learn more [here](#) (see “Tuition and Fees” section)
 - Estimate [cost of attendance](#)
- Application [FAQ](#)
- List of [Degrees](#)
- How to [Apply](#) and BS-MS Accelerated Information
- Upcoming Recruitment [Events](#) and Previous Webinars
- English Proficiency [Requirements](#) (scroll to, “Proof of English proficiency”)

Questions?

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