



Davidson School of  
Chemical Engineering

# PINNACLE OF EXCELLENCE AT SCALE



## PhD Research Areas

Biochemical and Biomolecular Engineering  
Catalysis and Reaction Engineering  
Fluid Mechanics and Interfacial Phenomena  
Mass Transfer and Separations  
Nanoscale Science and Engineering  
Polymers and Materials  
Product and Process Systems Engineering  
Thermodynamics, Molecular  
and Nanoscale Modeling

## Professional MS Concentrations

Biochemical Engineering  
Data Science  
Energy Systems Fundamentals and Process  
Kinetics, Catalysis, and Reaction Engineering  
Polymer Science and Engineering  
Pharmaceutical Engineering

## Faculty

Rakesh Agrawal  
Xiaoping Bao  
Osman Basaran  
Stephen Beaudoin  
Bryan Boudouris  
James Caruthers  
David Corti  
Letian Dou  
Elias Franses  
Rajamani Gounder  
Jeffrey Greeley  
Michael Harris  
Sangtae Kim (School head)  
Julie Liu  
Jan-Anders Mansson  
Cornelius Masuku  
Jeffrey Miller  
John Morgan  
Zoltan Nagy  
Vivek Narsimhan  
Joseph Pekny  
R. Byron Pipes  
Vilas Pol  
Doraiswami Ramkrishna  
Gintaras Reklaitis  
Fabio Ribeiro  
Brett Savoie  
Brian Tackett  
Kendall Thomson  
Nien-Hwa Wang  
You-Yeon Won  
Chongli Yuan



The Davidson School of Chemical Engineering offers both Doctorate and Professional Master's Programs

### FOR MORE INFORMATION



#### PhD Program

School of Chemical Engineering  
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#### Professional Master's Program (PMP)

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