



# RUTGERS

School of Arts and Sciences  
DEPARTMENT OF CHEMISTRY  
AND CHEMICAL BIOLOGY



## 2024 Reid Winners for Outstanding Accomplishments in Doctoral Research

*Callan McLoughlin, KBLEE Group*  
“Nanozyme-Mediated NETosis Inhibition: A Promising Strategy for Managing Chronic Inflammation”

*Atul Thakur, Remsing Group*  
“Titan's Chemical Ballet: Molecular Simulations Unraveling Cosmic Choreography”

*Feng Xie, Li Group*  
“Design and Optimization of Metal-Organic Frameworks for Adsorption-Based Separations of Industrially Important Hydrocarbon”

*Yongqi Yang, O'Carroll Group*  
“Plastic- and Small Molecule-Derived Carbon Dots”

*Jinzhe Zeng, York Group*  
“Development of Deep Learning Potentials for Biochemical Reactions and Drug Discovery”

**Van Dyke Award Winners**  
for Excellence in Doctoral Research

*Xiao Ding, JKLee Group*

*Souvik Mandal, Goldman Group*

*Erika McCarthy, York Group*

*Sarah Nevins, KBLEE Group*

**Krishnamurthy Award Winner**  
for Outstanding Publication of Thesis  
in Synthetic Organic Chemistry

*Brice Kessler, Lipke Group*

# **Rieman Award Winners**

for Excellence in Undergraduate Teaching

*Cassiana Batista da Rocha, Zhang Group*

*Gia Carignan, Li Group*

*Ryan Crichton, Zhang Group*

*Jessica Malcolm, Goldman Group*

*Yiling Wang, Shi Group*

# **Chemistry Service Award Winner**

for Outstanding Leadership, Outreach,  
and Service to the Department

*Iram Mansoor, Lipke Group*