



## **Prof. Sunmoon Yu**

*Electrochemistry-Driven Small Molecule  
Upgrading for Sustainable Chemical  
Manufacturing*

Dr. Sunmoon Yu is an Assistant Professor in the Department of Materials Science and Engineering at the University of Toronto. He received his Ph.D. in Materials Science and Engineering from the University of California, Berkeley, supported by the Samsung Scholarship, where he studied nanoparticle catalysts for electrochemical CO<sub>2</sub> conversion. Prior to joining the University of Toronto, he conducted postdoctoral research at the Massachusetts Institute of Technology on molecular catalysts for CO<sub>2</sub> conversion. His research focuses on developing electroactive materials for electrochemical CO<sub>2</sub> capture and conversion, and small molecule upgrading.



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