

Youn Gyeong Shin
R.E. Jervis Award



Ms. Youn Gyeong Shin is a PhD student in the Department of Chemistry at Western University. She has a Bachelor of Science from York University, and transferred from the Master's program at Western University to the PhD program in 2015.

Ms. Shin's current research area is corrosion in the presence of continuous flux of ionizing radiation, with particular focus on long-term predictions of corrosion of container materials for interim storage and permanent disposal of used nuclear fuel. Her research has produced a substantial amount of information of value to the Canadian and international nuclear industry, being awarded the Roy G. Post Foundation Scholarship in 2019, by the International Waste Management Organization.

During her PhD studies, Ms. Shin has proven to be an exceptional student and a great asset to the interdisciplinary study of corrosion in Dr. Clara's Wren group. She has demonstrated strong leadership skills, is highly-motivated, very resourceful and a self-starter. Her research has resulted in over 12 peer-reviewed publications and numerous presentations at national and international conferences.