Paul Mountford

Paul is a second-year PhD student working with phase-change theranostic agents for medical imaging and targeted drug delivery under Professor Mark Borden. His interest in research began when he was an undergrad working in Professor Mike Hannigan's lab on air quality research under PhD student Nick Clements. After knowing he wanted to pursue a PhD in engineering, Paul was drawn to the Colorado Theranostics Laboratory and promptly took on his project. He is attempting to fully characterize condensation and vaporization of these agents for the purpose of understanding and designing an ideal phase-change agent capable of stable phase-change hysteresis.

Although Paul is native to Seattle WA, he has spent a majority of his life in Colorado. He spent the better part of his youth in SO-CO (not to be mistaken with SO-CAL, where Paul –not Mountford-Schroeder is from) and then moved north to receive his bachelor of science in mechanical engineering through CU-Boulder. Being from Colorado, he is fond of many outdoor activities: skiing, climbing, biking, hiking and hunting.