



YOUNG PROFESSIONALS

Alisha Giglio, Chemical EIT Climate Change

What first interested you about learning more about the steel industry?

I first became interested in the steel industry when I began working at Hatch in our pyrometallurgy team. Within my first few months on the job, I visited a steel mill in South America, and the sheer magnitude of the facility drew me in. When I learned of the large contribution the steel industry has on global greenhouse gas emissions, I became interested in combining my passion for climate change and sustainability with my process engineering skills to make an impact and assist the steel industry throughout the global transition to a low-carbon economy.

Describe the coursework and degrees that you have obtained. Did you participate in any of AIST's programs or attend AIST events as a student?

I have received a BSc in engineering chemistry from Queen's University and an MSc in chemical engineering from the University of Toronto. Throughout my master's degree I worked in the pulp and paper industry, and I only became exposed to AIST upon starting my career. AIST has been integral to broadening my knowledge of the steel industry as a Young Professional, and I would encourage all students and new graduates in the industry to take advantage of all that AIST offers.

Did any AIST programs assist with your career advancement?

AIST has already been invaluable to my career development. I have been a member of the Environmental Technology Committee for the past two years, and I have had the opportunity to present technical papers and network with both

Young Professionals as well as renowned steel experts at AIST events. This year, I was provided with the opportunity to present my first technical steel article in AIST's March 2021 issue of *Iron & Steel Technology*, and the engagement and positive feedback I have received from the AIST community for my publication has been incredible.

What advice do you have for students who are curious about pursuing something related to the steel industry?

The steel industry is a continuously evolving industry and there is no better time than now to pursue a career in this sector. In order for the steel industry to transition to a net-zero economy, digitization, technological development, and collaboration with other industries is required. It is an exciting time to be joining such an important industry and getting involved now is guaranteed to lead to a long and fulfilling career.

What are your plans for continued involvement in AIST?

I plan to have continued involvement in AIST's Environmental Technology Committee, and I would like to continue to present and publish technical articles at AIST events in order to help expand knowledge within the industry.

What do you find unique and interesting about the steel industry? What do you enjoy the most about it?

The most appealing thing about the steel industry is all the opportunities that currently exist. I thrive in environments where I am continuously challenged and feel as though I can make a difference and thus far my experience in the industry has been nothing but fulfilling. ♦