



# AIST YOUNG PROFESSIONALS

Maddi Depinet, Caster Metallurgist

**NUCOR®**

## What first interested you about the steel industry?

When I was in high school, I toured a college campus to learn more about various fields of engineering. One of my sessions was about the materials science and engineering program. The school had a focus in metals and the students and professor who spoke to our group studied metals. I thought it was interesting to have an engineering program focused on the materials used in society. Once I was in a materials program, the metals fundamentals were based on steel and I have been learning about steel ever since.

## Describe the coursework and degrees you have obtained.

I have a B.S. degree in materials science and engineering from The Ohio State University, with a focus in metals.

## What things did you do as a student that enhanced your passion or understanding of the steel industry?

As an undergrad, I had several summer internships working for steel producers. I was a quality intern for Worthington Steel Cleveland, where I got an introduction to a steel facility. The next summer I interned in the meltshop at Nucor Steel-Hertford County. I had the opportunity to tour TimkenSteel and Finkl Steel Chicago during my senior year.

## Did any AIST programs assist with your career advancement?

In college, I was a member of the Material Advantage student program. I attended MS&T during my senior year and had the opportunity to network with my peers from other colleges as well as industry professionals. In my professional career, I have attended the AIST Continuous Casting training seminar to learn more about casting. I also have had the opportunity to network with other Young Professionals and industry veterans at AISTech.

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

Get involved. AIST has so many programs and opportunities to learn more about the industry. There are webinars to hear from people with a wide range of experience in the industry and conferences to hear technical presentations and see upcoming technology. AIST provides scholarships to help students travel to events as well.

## What are your plans for continued involvement in AIST?

I have several ways I am staying involved in AIST. I am the Young Professional chair for the Southeast Member Chapter. My job is to help grow Young Professional membership in my region and bring the ideas of the Young Professionals to meetings. I am also the vice chair of the Continuous Casting Technology Committee. Participating in these groups allows me to stay in touch with AIST and network with my peers at various events and meetings throughout the year.

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

What I find most unique about the steel industry is the diversity in application of the product. Steel is used everywhere in society. What I enjoy most is the continued development of the industry. As a metallurgist, I get the opportunity to work on grade development and I enjoy trying new things with the product. The technology is also always evolving around us. The ability to produce steel safer and more efficiently is fun to be a part of. ♦



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