

When you reflect on your career so far, which achievement stands out most? I am grateful to have built a globally recognized university research group in nuclear fuel materials at Seoul National University, together with dedicated students and colleagues.

Who has been your greatest influence? I am fortunate to have had many great advisors and mentors. Professors Hee Cheon No and Jeong Ik Lee first opened my eyes to research during my undergraduate years. My doctoral advisor, the late Prof. Mujid Kazimi at MIT, shaped how

I see nuclear engineering in perspective. My colleague and friend Prof. Mike Short at MIT continues to inspire me with his unique and genuine way of working and living. I learn a lot from my colleagues at Seoul National University—they are the best teachers I have each day.

What is the top song on repeat on your Spotify right now? I keep K-pop on repeat.

What's on your bucket list? A month in Europe with no emails.

Ross Lorberbaum



Lorberbaum advanced from engineer to VP at Paragon Energy Solutions, leading its CoreVision division in neutron flux monitoring. He's driven innovation in detection systems for advanced reactors while managing legacy product lines. In his role, Ross has

Age: 39

Title: Vice president, CoreVision, Paragon

Hometown: Dallas–Fort Worth, Texas

proven to be an outstanding leader and with his team is shaping a critical area for the future of the nuclear industry.

Congratulations to our 2025 Nuclear News 40 Under 40 honoree!



Syed Bahauddin Alam
Assistant Professor

Joining our 2024 honorees...
all a part of the outstanding faculty at Illinois!

Katy Huff



April Novak



Congratulations, Majdi Radaideh!

NERS proudly celebrates Majdi Radaideh for being recognized among the 2025 "40 Under 40" cohort. His outstanding contributions to integrating machine learning and data science into nuclear reactor analysis inspire our community and exemplify the University of Michigan's commitment to interdisciplinary research and the development of advanced technologies.

We are honored to see our faculty shaping the future of nuclear. **Congratulations, Majdi—and GLOW BLUE!**

