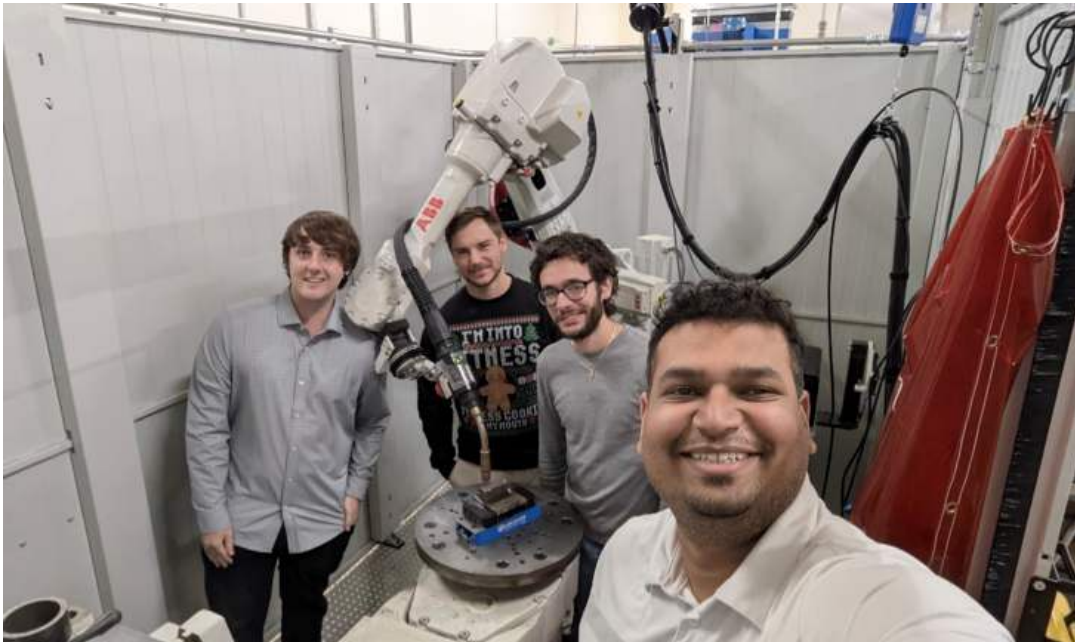


Collaboration with the Cold Spray and Rapid Deposition Lab at FIU

ACRC is collaborating with the Cold Spray and Rapid Deposition Lab (CoIRAD) at [Florida International University](https://www.fiu.edu/) (FIU). This partnership seeks to advance research integrating additive manufacturing into the aluminum die casting industry, with a focus on leveraging wire arc additive manufacturing (WAAM) to produce advanced tooling solutions.

The CoIRAD lab houses a state-of-the-art facility used to conduct R&D for cold spray, wire arc additive manufacturing, and plasma spray systems, providing a strong platform for innovation and applied research. The UCI team is investigating the use of cored wires with various powders inserted, and wire arc additively processed for the production of die materials.



The UCI-FIU team in the WAAM cell. From left to right: Jack G. Webster, Dr. Tyler Dolmetsch, Edgar Viamontes, and Dr. Aruntapan Dash.