



RIVALIA CHEMICAL

**Dr. Laura Stoy** is the founder and CEO of Rivalia Chemical Co., a clean-tech startup focused on recovering rare earth elements from industrial waste through environmentally sustainable processes. Under her leadership, Rivalia has raised over \$1 million in non-dilutive funding from the National Science Foundation and the U.S. Department of Energy and secured a pilot project with Alabama Power. Dr. Stoy was selected for the Department of Energy's Chain Reaction Innovations program at Argonne National Laboratory and has participated in leading energy innovation accelerators including Energy Techstars, the Cleantech Open, and the Engine's Blueprint. She holds a Ph.D. in Environmental Engineering from Georgia Tech and a B.A. in Chemistry from Vanderbilt University.

Dr. Stoy's expertise in rare earth element recovery is grounded in peer-reviewed research, a utility patent, and technoeconomic assessments conducted for the Environmental Protection Agency (EPA). In addition to her scientific and entrepreneurial work, she is a committed advocate for evidence-based policymaking. Through her work at the EPA, with the Federation of American Scientists' Early Career Science Policy Accelerator and with the AAAS Catalyzing Advocacy in Science and Engineering program, Dr. Stoy has developed policy recommendations to strengthen domestic supply chains for critical minerals. She also co-founded ComSciCon-Atlanta to improve science communication skills among graduate researchers, advancing the role of science in public discourse.