



As SVP of Materials at Carbon, Dr. Jason Rolland leads the development of new polymer materials for use with Carbon Digital Light Synthesis™ (DLS™) technology to address product needs across a wide range of industries. He co-invented Carbon's dual-cure materials platform, which has led to the subsequent development of a broad range of high-performance materials, including rigid and flexible polyurethanes, polyurethane elastomers, high-temperature cyanate ester and epoxy-based resins, dental resins, and silicone-based materials. Previously, Dr. Rolland was Senior Director of Research at Diagnostics for All, and co-founder and Director of R&D at Liquidia Technologies. He holds a B.S. in chemistry from Virginia Tech and a Ph.D. in chemistry from UNC Chapel Hill. A named inventor on over 25 issued patents and over 40 pending patents, Dr. Rolland has received numerous awards recognizing his achievements, including the American Chemical Society (ACS) 2014 Kathryn C. Hach Award for Entrepreneurial Success. In 2019 he was named the recipient of the prestigious ACS POLY Young Industrial Polymer Scientist Award.