

## **Joshua Manasco**

### **Elmarco, Inc**

Dr. Manasco has been working in the field of nanofibers and electrospinning for more than 11 years. He did his dissertation work at North Carolina State University under the guidance of Prof. Saad Khan where his work focused on unique materials and applications for electrospun nanofibers. He then lead a research team of engineers and technicians at Zeus Industrial Products in developing and commercializing both medical device and drug delivery components from nanofibers.

Currently, Dr. Manasco holds the title of Director, Applications Engineering with Elmarco, Inc. Elmarco is the largest producer of both lab and industrial electrospinning equipment globally. The overwhelming majority of Elmarco's industrial installations serve the air filtration market. Dr. Manasco's main focus in this area has been to drive the business towards having a better understanding of the downstream processing of nanofibers and preserving performance from flatsheet through full filter build. Moreover, realizing our customer's challenges in meeting standards and specifications by creating reference products and evaluating them through third party testing. Furthermore, Elmarco employs this approach not only in general ventilation filtration but also in high efficiency air filtration, liquid filtration, and performance apparel platforms.