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MSEC SEMINAR AND COMMERCIALIZATION FORUM



INVITED SPEAKER:

DR. TYLER NASH

“Clay Mineralogy and Application at BYK”

October 5th, 2018

1:30 – 3:00 PM

RFM 3241

Biography:

Dr. Tyler Nash, as an R&D Group Leader for BYK USA, Inc. in Gonzales, TX, works to develop and bring new innovative new clay-based additives to the market. This entails the oversight of and involvement in technical R&D projects, scale-up, production support, customer support, and cross-departmental collaboration with a global network of BYK personnel. Tyler holds a BS and MS in Chemistry and a PhD in Materials Science, Engineering, and Commercialization from Texas State University. After graduating from the MSEC program in May 2014, Tyler worked as the Technical Operations Manager at STAR Park, with a goal of fostering small business development by providing laboratory space and services to clients.

In May 2015, Tyler moved to his current position at BYK USA, Inc. Tyler’s experience in the MSEC program at Texas State University plays a crucial role in his success at BYK, where every aspect of R&D must be viewed with the goal of commercialization and final customer application in mind.

Abstract:

Clay-based additives have become an integral part of BYK’s product portfolio. The mineralogy of the clay base and the type of organic modifier largely contribute to organoclay performance in final application, whether it be rheology in a thermoset system or mechanical properties in a thermoplastic composite. The presentation will provide an overview of mineralogy of different types of clay with examples of how the mineralogy and organic modifier affect performance in the final product application.

FOR MORE INFORMATION OR IF YOU WOULD LIKE TO HAVE LUNCH WITH THE SPEAKER,
PLEASE CONTACT DR. SHANNON WEIGUM AT SWEIGUM@TXSTATE.EDU