



Meet Our Chemists

William L. Green, PhD — Inorganic Manufacturing Manager, Spex CertiPrep

Bill graduated from Rowan University in southern New Jersey with BS in chemistry. Following his undergraduate work, he went on to complete a Ph.D. in inorganic chemistry at the University of Delaware. In 2015, Bill joined SPEX CertiPrep's Inorganic CRM team as a manufacturing chemist, where he focused on the preparation and scale-up of single element concentrates and stock products. As manufacturing manager, Bill oversees production and R&D operations for the inorganic department, as well as providing technical support for both customers and staff. He is highly skilled in synthetic inorganic chemistry and compound purification. He is also a published author and experienced technical speaker.

Lea Anderson-Smith, PhD – Director, Engineering (R&D), Spex SamplePrep

Lea holds a BS in chemistry from the University of Wisconsin and a PhD in Inorganic Chemistry from MIT. She is currently director of engineering for Spex SamplePrep and Katanax equipment and accessories. She manages the design and development of new products and updates to existing products. Lea also managed operations for the Spex SamplePrep business for many years and maintains an active role in technical support for customers and service of customer-owned equipment. She works closely with the product management and commercial teams in identifying new product and application opportunities with the goal of helping scientists in their work.

Katherine Cullinan – Inorganic QC Manager, Spex CertiPrep

Katherine holds a BS in chemistry from the University of Delaware. Katherine joined Spex in 2013 and now co-manages the inorganic department, supporting the vast knowledge among our team of chemists working in collaboration. She is trained in Lean Manufacturing and Six Sigma principles. As QC manager, she is responsible for ensuring the highest quality is put into all our products, addressing any non-conformances and upholding the company's ISO, 17025, and 17034 accreditations.

Eric Smith – Applications Scientist, Spex SamplePrep

Eric holds a BS in chemistry from Kean University. His current role at Spex SamplePrep involves managing all phases of application development including specifications, data collection, literature research, reporting and presentations. He serves as applications scientist, internal ISO 9001 auditor and a technical expert, traveling domestically and internationally for customer visits and tradeshow. Prior to joining Spex, Eric worked as an R&D and QA chemist and currently serves as an instructor at the International Center for Diffraction Data and the London X-ray Consulting Group.