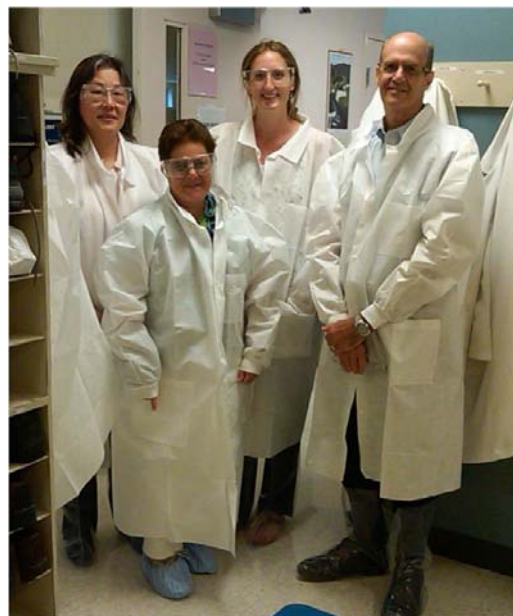


## PerkinElmer Completes its 4<sup>th</sup> Year of the LIFT Educational Programming



This summer, Lexington, Massachusetts, high school biology teacher Sarah Follenweinder participated in LIFT<sup>2</sup> ([Leadership Initiatives for Teaching and Technology](#)), PerkinElmer's summer externship program geared towards educating educators and providing tools and insights to bridge the gap between academics and science. Participating teachers complete a predetermined project with guidance from PerkinElmer mentors and use the experience to foster students' interests in real world science applications.

With direction from Steve Hurt, Senior Applications Scientist, and Chris Coniglio, Technical Support Manager, Sarah led a Tyramide Signal Amplification (TSA) Optimization project to study the expression of Prostate-Specific Antigen (PSA) in prepared paraffin embedded samples of normal prostate tissue. Her findings on how TSA works at different antibody concentrations will be turned into an application note as well as incorporated into technical support and sales training providing better support and results for our customers. TSA is a technology patented by PerkinElmer that amplifies signals in a variety of assays.

Sarah will be bringing her experience to her classroom by incorporating hands-on computer data collection learned through the software program Volocity® and encouraging student collaboration, a critical learning aspect of her LIFT experience. "The most remarkable thing for me to observe during my time here was the teamwork that I was able to experience. Many people with different and unique expertise worked together for common goals."