Alumni Spotlight

As a graduate student at UD Maeva S. Tureau ‘12PhD played an active role in block copolymer research. Under the advisement of Thomas H. Epps, Maeva completed her dissertation entitled “Probing the Phase Behavior of ABC Triblock Copolymers Near Network Phase Windows” in which she characterized and synthesized block polymers for functionalized nanoporous membranes.

In addition to her research, she also trained new graduate students to use polymerization and characterization techniques such as small-angle X-ray scattering, transmission electron microscopy and nuclear magnetic resonance, among others.

Outside of the lab Maeva devoted time to undergraduate students as a teaching assistant and received the 2010 Robert L. Pigford Teaching Assistant Award for her valuable contributions.

During the 2009-2010 academic year she was awarded the Air Products Graduate Fellowship with Air Products and Chemicals in Allentown, PA, where she is now employed as a senior research engineer in the PhD career development program.

Her current research focuses on the effects of reflow soldering in nitrogen inert conditions on board cleanliness and defect rates.

She has chaired a session as an invited guest at the 3rd I2CAM/FAPERJ School with focus in Soft Condensed Matter Physics in Rio de Janeiro, Brazil, and has co-authored several articles on triblock copolymer characterization.