

Miss Liberty Gunter is currently employed at [BAE Systems](#) in Nashua, NH, where she is involved with Business and Technology Development at the Microwave Electronics Center (MEC). She feels this is an exciting change from her previous position and enjoys informing others of the vast capabilities of BAE's foundries for both internal and external collaboration. Prior to accepting this role in September of 2007, she was a semiconductor engineer in the Research and Development group at the MEC. There, her responsibilities included GaAs, InP and GaN HEMT process development with an emphasis in developing and managing advanced 6" GaAs PHEMT technologies.

She started her career at [BAE Systems](#) in 2001 during the summer of her Master's program as a graduate level intern working on space-based InP HEMTs and joined full time upon graduation. Since then, she's developed many processes and has led development of the 6" PHEMT line, before transferring it to production. Five out of the six years she's been with BAE Systems, she has been on teams which have been awarded the distinguished Chairman's Award for Innovation. She also has one patent pending and has authored several publications.

Her interest in semiconductors was piqued during her two summers at NC State's Physics Research Experience for Undergrads (REU) during 1998 and 1999. There, she worked under Dr. Gerald Lucovsky investigating alternative gate metals for Si MOSFETs. Additionally, she earned the "Best Research" award and presented her research at the 1999 Centennial APS Conference.

Liberty obtained her Bachelor of Arts in Physics in 2000 from [Wheaton College](#) with a minor in Computer Science. In 2002, she obtained her Master of Science in Electrical Engineering from [Boston University](#) with a thesis entitled, "Process Design and Development of a Gallium Nitride Permeable Base Transistor" under the direction of Dr. Charles Eddy, Jr. Currently, she is enrolled at UNH studying Management of Technology/Master of Science (MS-MOT) with an expected graduation date of December 2008.

In her spare time, Liberty is an avid equestrian and shows her Hanoverian mare at local dressage competitions. She attributes many professional qualities she has (public speaking, visual presentations and networking ability) to her involvement with 4-H as a child where she gave her first visual presentation at age 8.