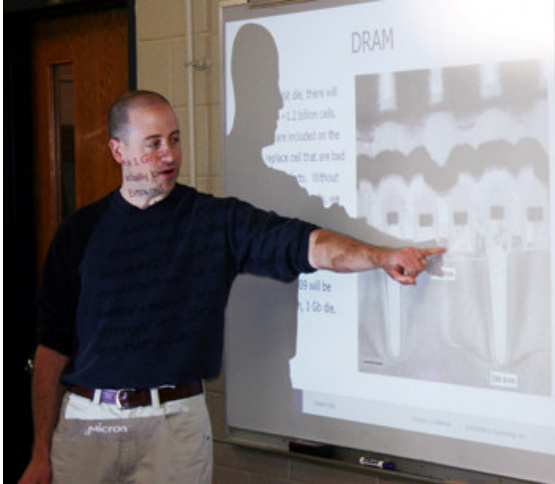




Micron Technology Visits NPBS Engineering Academy

'95 NPBS Graduate Meets With Engineering Academy Seniors

Lansdale, Pennsylvania—February 3, 2009—Senior students in the [North Penn High School Engineering Academy](#) program, [The Future is N.E.A.R.](#), recently met with David MacMahon, a former North Penn High School Graduate from [Micron Technologies, Inc.](#)



David MacMahon, Micron Technology, Inc.

On Monday, February 2, 2009, David MacMahon visited the senior students in North Penn's Engineering Academy to share his experiences as a lead engineer in Micron Technology Inc's failure analysis department.

Dave graduated from North Penn High School in 1995 and from Penn State University in 2000 with a BS in Materials Science and Engineering and has been working at Micron's Manassas, VA. production facility since 2000 as a failure analysis and yield engineer.

During his presentation, Dave spoke about his experiences with SEM and TEM microscopy in relation to the manufacturing and analysis of memory components at the nanoscale. He described the intricate operation of transmission and scanning electron microscopes to help

the engineering academy students with their current research.

His visit came a week before the students will be travelling to Philadelphia to work with Dee Breger, senior microscopist, at Drexel University. At their visit to Drexel University, the students will work for several hours, over two days, with a scanning electron microscope to analyze the polymer nanofibers they created in class. The students began designing their experiments in December.



Micron Technologies, Inc., based in Boise, Idaho, with fabrication and sales divisions worldwide, is one of the world's leading providers of advanced semiconductor solutions. Micron's DRAM and Flash components are used in today's most advanced computing, networking, and communications products, including computers, workstations, servers, cell phones, wireless devices, digital cameras, and gaming systems.

The Future is N.E.A.R. program (Nanotechnology Education And Research) offers the students of North Penn High School's Engineering Academy an opportunity to gain 21st century skills that will help prepare them to become successful and highly marketable leaders in the new, technological global society. The program introduces the fundamentals of nanotechnology, engineering research, and higher level thinking and application of knowledge to high school students while cultivating their interest in engineering, problem solving and life-long learning.

To read more about nanotechnology, the research the students are performing or if you have any questions, please visit the website at: <http://www.thefutureisnear.org>