Congratulations to the following Toxicology graduate student who were recently awarded their PhD s:

¥˚ **Russell Garrett,** Advisor: Thomas Gasiewicz, Ph.D. Thesis title: "A Role of the Aryl Hydrocarbon Receptor in Hematopoietic Precursors: Consequences to the Knockout Phenotype and 2, 3, 7, 8 Tetrachlorodibenzo-p-Dioxin Exposure."

¥˚ **Carissa Filbrandt,** Advisor: Thomas Gasiewicz, Ph.D. Thesis title "The Blood Brain Barrier as a Target of 2,3,7,8

What is Nanotechnology?

The National Nanotechnology Initiative (NNI) is a multi-agency federal research and development program which was created in order to coordinate the work being done and future plans regarding nanotechnology. They describe nanotechnology as *a c a d c . d a a c, c .a ac c .a (1-100 a); c a . a d . c , d c a d . a a a d c b ca a d/ d a ; a d . ab c a .a . a c ca .* This nanoscale is based on the nanometer which is 1 billionth of a meter. This is about how far your fingernails grow in a day.

Dr. Ralph Merkle, a distinguished professor of computing at Georgia Tech who has done extensive work in this field, describes nanotechnology in a more concrete fashion. "Today's manufacturing methods are very crude at the molecular level. It's like trying to make things out of LEGO blocks with boxing gloves on your hands. Yes, you can push the LEGO blocks into great heaps and pile them up, but you can't really snap them together the way you'd like. In the future, nanotechnology will let us take op TTsh5cDw far yo [This nanoscale)]TJ-6.3828 -1.2222 TD-0.0116 Tc-0.0116 Tw(is based on the nanometer which)TjT* T