

Randy Dumse  
Physics Advisory Board Member

I graduated from UNI with a B.A. Physics in 1975.

My first job out of UNI: U.S. Navy. Commissioned Officer.

I am currently President/Founder of New Micros, Inc. We are a small electronics/computer manufacturer. We get involved in an incredible range of activities, including making robots for museums (recently served the Queen of Jordan) and high profile opportunities, as having worked for Panavision on their movie crane, going to Oprah's set, to update her crane. I've also been involved in deep ocean probes, spaceshots, robots, R&D of many kinds, the entertainment industry, and automotive applications.

I found Physics to be fascinating, a profession for prediction of the future, and knowing the most reliably possible about "what's going to happen next" and also on ways things seeming impossible to others fell open to me. To be a physics major to me is to be a "natural philosopher" in the old sense of the word. To love to learn the nature of things, physics being the deepest understanding we have.

UNI Physics gave me a wonderful background for my diverse life paths. One thing you'll hear over and over out in the commercial world, "Oh, you did Physics? Well you can probably do anything then." There is an admirable glory to having been a physics major which commands respect. Yes, sometimes we're thought of as nerdy or brainiacs, but we're never thought of as less than capable. UNI in general I found to be a very nurturing school, small enough to be intimate, but large enough to have offerings beyond just my major. Besides my great physics education, many of the courses I took as electives came to color and enable my life in ways I couldn't begin to see when I was there. For instance, it was nice to have had China Studies when years later I actually found myself in China. Some French I learned from a girl friend majoring in it came to serve me when I was Overseas Diplomacy Officer arriving with my ship in Ville French on the French Riviera. When in school, I had not the vision to imagine I'd every travel to such exotic places. Another elective, "Muzzle Loading: Historical Significance and Modern Sport" really mattered when I became Gunnery Officer USS Dewey, and won the title of "Top Gun - Sixth Fleet". Then, I earned a fortune with things I learned in my Math minor and my work study at the Computer Center. I was well served by UNI in many regards, importantly, beyond my provincial vision, which had very narrow horizons, in preparation for my wider world to come.