



ETA KAPPA NU

Electrical and Computer Engineering Honor Society

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SAIC

Gamma Upsilon chapter, Johns Hopkins University



Career Synopsis

I graduated from Johns Hopkins in 1962. I had worked summers for the Navy and continued after graduation. I worked seven years at the Naval Oceanographic Office and five years at the Naval Intelligence Support Center. I have worked in private industry since 1974, twelve years at TRW and the past twenty-three at Science Applications International Corporation (SAIC) where I am an Assistant Vice President.

During most of my career I have functioned as a systems engineer mainly on engineering projects for the United States Government. My specialties are in signal processing, controls, and acoustics.

Career Highlights

What do you view as the highlights of your career? These can be in terms of greatest challenges, most satisfying achievements, or most enjoyable projects.

I have had the opportunity to work on numerous projects of significance our country. This is reward in itself, but it has given me the opportunity to work with people of the highest technical ability and professional integrity.

Education and Career

Relate your education to your career and current responsibilities. What part of your formal education has proven most useful to your professional success?

The Johns Hopkins University undergraduate engineering program was focused on fundamentals during my time there. I believe it provided me with a good foundation in problem solving where the first step is to accurately define the problem to the appropriate fidelity for the solution sought. I was working full time while attending graduate school at George Washington University. My major was Systems Analysis and Engineering. Most of my courses were in communications and signal processing. They were particularly relevant to my work experience so I felt I was able to get the maximum benefit from them.

These two factors continue to benefit me today.

Advice to Engineering Graduates

What specific advice would you offer to engineering students as they complete their education and prepare to launch their careers?

Hone your communication skills, both written and interpersonal. The ability to produce products and to work as a team member with others will both enhance your contribution as an engineer enable you to achieve your career potential.