

Ed Aoki

May 3, 2012

In June, 1973, Ed Aoki joined Monsanto ESP on Bubb Road in Cupertino where I continue to reside. I developed (and did Product Engineering in) Opto Isolators. I moved with ESP to Palo Alto and worked with Zagloul Kadah in Solid State Relays. Based on an idea by Ray Brown, I developed an auto handler for testing Delco displays for both brightness and "color", using a Dichroic Mirror, Canon Camera Lens and a standard Test Box and Handler from Claude Boissicat (Contrel); the completed machine drastically reduced return of displays from Delco and the visual inspectors on the line were so happy with the machine, they had a Monsanto Badge fabricated with its name, "Huey", and hung the badge around its "neck".

In 1981, Ed joined HP Optoelectronics Division on Page Mill Road in Quality. Did a stint in Product Development of AlGaAs material evaluation and on a Center High Mount Stop Light for automobiles. Went back to Quality and worked on Fiber Optic products.

In 1987, I moved to HP Corporate Quality and covered Components, Computers, Instruments, Printers, Medical in Quality/Reliability/Environmental Test.

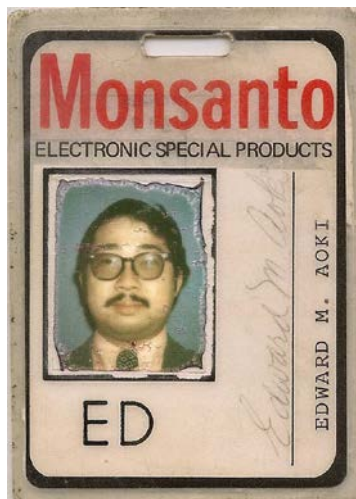
In 1993, with HP support, I participated in standards development work through the International Electro technical Commission (IEC) in their Technical Committees on Test Methods (TC75) and on Environment Conditions (TC50) which later joined together as TC104. In 1997, I became the Chair of TC 104.

In 1999, Agilent Technologies spun off from HP, carrying with it, me and the Instruments, Optoelectronics and Medical Groups. I continued to work in Corporate Quality and my work expanded to include Product Regulations.

In 2005, Ed retired from IEC work and then Agilent and immediately found volunteer work in IEEE.

Ed is currently Chair of the IEEE Santa Clara Valley Chapter of CPMT and Vice-Chair of the Santa Clara Valley Section and Vice-President of the Silicon Valley Engineering Council.

My wife, Pat, and I enjoy the visits by and with our grand-children (Logan, Tani and Derek) as well as our daughter, Ellen and son, Paul. Since Ellen is a pediatrician and Paul is a PhD in EE Computer Science, I used to say we enjoyed a paradox. And then Ellen married an MD and Paul found another PhD – ruining the pun. Logan will be attending Santa Clara University in the fall.



Ed Aoki – 1973 badge