



Earl Martin Sawit Valencia
Systems Engineer
Raytheon Company
Member
Rotational Engineering Leadership
Development Program

Asian American Engineer of the Year Awards



NATIONAL ENGINEERS WEEK
FEBRUARY 18-24, 2007

New Faces of Engineering 2007

Engineers Week recognizes the accomplishments of all engineers. The New Faces of Engineering program highlights the interesting and unique work of young engineers and the resulting impact on society. Young engineers two to five years out of school and are 30 years or younger who have shown outstanding abilities and leadership are the focus of this recognition program. (www.eweek.org)

Engineers Week sponsoring societies nominated young working engineers from among their membership. CIE-USA is proud that Earl is representing us this year.

Nominated by the Chinese Institute of Engineers – USA (CIE-USA) **Awarded by National Engineers Week Foundation**

As a Systems Engineer, he had the chance to contribute onto several different engagements that impacts on how our country can become safer. These include having a dialogue with some of the company's chief engineers to determine the next generation technologies, evaluating proposals, leading process improvements for a factory of airborne antennas. He was directly involved in the design phase of programs such as the DDG-1000 Next Generation Naval Destroyer and the Ballistic Missile Defense Radar.

Earl's involvement goes beyond the confinements of his laboratory. As president or officer of Raytheon's Young Employee Network, he is an advocate for mathematics and science at all levels. He has been a Big Brother mentor, gave talks from middle school to college about the excitement of the engineering profession, and even a judge for a middle school robotics league. His current PhD research focuses on architecting the next generation of technical leaders. He believes that when you combine leadership and technology, then imagination can turn into reality.

