USC

University of Southern California

Daniel J. Epstein

Department of Industrial and Systems Engineering

2014 Eberhardt Rechtin Keynote Lecture

"Applying Systems Engineering to Improve Healthcare"

Presented by

Dr. Neil Siegel

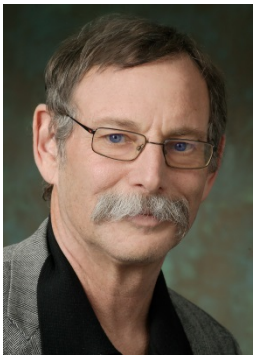
Sector Vice President & Chief Technology Officer, Northrop Grumman

Thursday, December 11, 2014

USC Davidson Conference Center (DCC)

2:00-3:30 PM Seminar, DCC Board Room
3:30-4:30 PM Reception, 2nd Floor Lobby

ABSTRACT - Systems engineering has proven effective at creating solutions to important societal problems that include a complicated mixture of technical, cost, legal, and social constraints. The healthcare system would seem to be a candidate for benefiting from the application of systems engineering; Dr. Siegel discusses avenues for approaching this problem.



Neil Siegel, Ph.D., is sector vice-president & chief technology officer at Northrop Grumman. He has been responsible for the creation of many first-of-their-kind, large-scale, high-reliability systems for Government and civilian uses. A USC alumni, he is a member of the National Academy of Engineering, a Fellow of the IEEE, an INCOSE-certified expert systems engineering practitioner, and the recipient of the Simon Ramo Medal for systems engineering, among many other awards and honors.

Daniel J. Epstein Department of Industrial and Systems Engineering
3715 McClintock Avenue, GER 240, Los Angeles, CA 90089-0193
Tel: 213-740-4885 / http://usc.edu/dept/ise

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