



July 21, 2014

President Barack Obama  
The White House  
1600 Pennsylvania Avenue NW  
Washington, DC 20500

Dear Mr. President,

In May 2014, your President's Council of Advisors on Science and Technology (PCAST) concluded that systems engineering could help re-engineer healthcare to improve the patient experience, the affordability, and the effectiveness of care. The Association for the Advancement of Medical Instrumentation (AAMI) and the International Council on Systems Engineering (INCOSE) share this vision and have established a partnership through which we are already working toward the application of systems engineering principles in healthcare. We hope that you also see the value of this recommendation that systems approaches, if widely used, can improve the health of all Americans, and that AAMI and INCOSE are well positioned to help realize this goal.

AAMI is the world's leading organization for advancing the development and implementation of the medical devices (and related processes) used in the clinical care of patients. Toward the goals of the PCAST report, AAMI's mission is to unite healthcare *technology*-oriented professionals across common goals. AAMI offers comprehensive education for industry, clinicians, and healthcare technology management professionals. AAMI also provides forums for the healthcare community to develop standards, recommend best practices, and provide technical information. One example of AAMI's work in the systems engineering domain is that it is developing a peer-reviewed publication on the topic that will be published early this fall with articles from and interviews with various systems engineering experts. It's important to note that AAMI is not an advocacy organization and has a reputation as an "honest broker" and neutral convener.

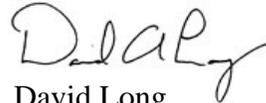
INCOSE is a not-for-profit organization that promotes international collaboration in systems engineering practice, education, and research. INCOSE's mission is to share, promote, and advance the best practices of systems engineering from across the globe for the benefit of humanity. INCOSE hosts working groups that integrate and share best practices across multiple industries, including aerospace, automotive, transportation, energy, and biomedical. INCOSE's Healthcare Working Group brings together interdisciplinary forums comprised of clinicians, hospital management professionals, information technology experts, pharmaceutical manufacturers, and medical device professionals to leverage these best practices to solve healthcare system challenges.

Together, AAMI and INCOSE have an existing partnership that is already informing and advancing all seven of the recommendations of the PCAST report on system engineering in healthcare. The support and direction of the Office of the President is important. We encourage you to reach out to us to discuss how, together, we can effect positive change for our country.

Regards,



Mary K. Logan, JD, CAE  
President & CEO, AAMI



David Long  
President, INCOSE