Cyber-physical systems are important to the United States because that is the area where more technological trends are beginning to emerge. The United States currently has a lead in the development of cyber-physical systems, but as a nation we must work hard to keep that lead. The results of the US losing its lead in cyber-physical development could result in a loss of industrial competitiveness and long term economic losses.

Cyber-physical systems are important to the world because they can be used to solve problems that normal systems would have difficulty solving. With the emerging advances in the area of cyber-physical systems, it is possible that these advances could extend the life expectancy or even help put an end to world hunger.