Standards impact more than 80% of global commodity trade, but they are often unsung heroes that go unnoticed by the general public. The American National Standards Institute (ANSI) 2016 Student Paper Competition asks you to imagine “A World without Standards.”

Your paper should consider what such a world would be like. How would the products, services, and systems that we all depend upon be affected? Communication and collaboration between people, machines, parts, and products would be extremely challenging. But more importantly, a world without standards would be a dangerous and difficult place. Products could go untested. Consumers could get hurt from them or get sick from spoiled food. Buildings could be unsafe. And the global marketplace would definitely be a pipe dream.

You should use specific examples wherever possible. For example, how has a product or service that was not subject to any existing industry standards impacted? And where have new products or services subsequently failed because of a lack of interoperability or interface standards?

All entries must be submitted by 5 pm ET on April 29, 2016, to lrajchel@ansi.org, and adhere to the following:

- Must be written and submitted by student(s) (associate, undergraduate, or graduate, in any discipline) enrolled full- or part-time during the period of September 2015 to April 2016 in a U.S. higher education institution
- Must have a title, a list of names of all contributing authors and their contact details, and affiliated academic institution
- Must be prefaced with an abstract of no more than 400 words
- 2,000 words maximum (not including notes, tables, charts, and bibliography, which may not exceed 3 pages)
- In English and suitable for publication (assistance will be offered for final editing before publication of winning paper)
- Electronic format only, preferably Microsoft Word or other revisable format, in 12-point type size
- Must be original and not previously published (copyright will remain with the author; winners grant publication rights to ANSI, as well as the right to release entries to other media)

All submissions will be reviewed by top-level industry experts, and winning papers will be published on ANSI.org, StandardsBoostBusiness.org, StandardsLearn.org, and potentially in other media outlets. Winning submissions will be read by a large number of members of the standards community, including experts in government, industry, professional societies, and academic institutions. Prizes will be given to first- and second-place winners; ANSI reserves the right to award no prizes based on the determination of the judges. Winning papers will be announced in June 2016.