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## News letter - on making the difference.

*America Sputnik moment ?*

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### 1. Intel CEO: U.S. faces looming tech decline

"The U.S. legal environment has become so hostile to business, Otellini said, that there is likely to be "an inevitable erosion and shift of wealth, much like we're seeing today in Europe--this is the bitter truth." <http://news.cnet.com>

### 3. When Factories Vanish, So Can Innovators

"The big debate today is whether we can continue to be competitive in R&D when we are not making the stuff that we innovate," she says. "I think not; the two can't be separated." ...Mr. Jordan argues that as manufacturing's presence — and status — shrinks in America, the odds of a [Henry Ford](#) or a [Thomas Edison](#) or a [Steve Jobs](#) appearing in the next generation are reduced. Certainly people like [Mark Zuckerberg](#) of [Facebook](#) are inventors, though not of physical products. [nytimes.com](http://nytimes.com)

### 5. Leveraging Innovation

"Fortunately, in the United States there is continual progress, at least at the development end of the technology chain. However, the weakest link in the successful leveraging of high-potential innovations continues to be a lack of close partnerships between technology developers and product manufacturers. For the past three decades, all parties have chanted a mantra of partnership between government, industry, and academia, yet actual practice and tangible results lag significantly." [rdmag.com](http://rdmag.com)

### 8. The Ideas Economy-

"The United States no longer has a stranglehold on innovation, but the assumption that innovation is Made in America is a very provincial myth. Yes, there's something unique about American culture that fosters innovation, but why does a cultural proclivity have to imply ownership? Innovation will ebb and flow across borders, but it's more accurate to say that innovation is accelerating worldwide, and that U.S. innovation continues to grow with this trend" [willowgarage.com](http://willowgarage.com)

### 10. U.S. Competitiveness in Science and Technology-

We find that the United States continues to lead the world in science ..the United States accounts for 40 percent of total world R&D and 38 percent of patented new technology inventions .[rand.org](http://rand.org)

### 2. DARPA: 'Significant decline' in U.S. science, tech degrees 'harming national security'

"A significant national decline" in the number of U.S. college graduates with science, technology, engineering and mathematics degrees is "harming our national security," according to a recent report from the Department of Defense. " [smartplanet.com](http://smartplanet.com)

### 4. The Future of Innovation: Can America Keep Pace ?

"Even more troubling, there are growing signs that the U.S. no longer has the commanding lead it once did in this area...factoring in measures like government funding for basic research, education and corporate-tax policies. Of the 40 countries analyzed, the U.S. came in dead last." [time.com](http://time.com) (\*Read more)

### 6. America's tech decline: A reading guide

"A growing body of literature says America's best days may not be ahead" [Computerworld.com](http://Computerworld.com)

### 7. China and India Lack "Software" and the Decline of American Competitiveness Is Overstated

"Software, in Segal's book, is a metaphor that refers to social capital, connectedness, and collaborations between governments, institutions, and universities ..Segal says the important aspects of "software" to focus on are "social capital, tolerance for risk, willingness to leave jobs, ability to criticize superiors, the regulatory environments." [fastcompany.com](http://fastcompany.com)

### 9. Does better productivity kill jobs?

"The U.S. economy is facing a grim future if it doesn't get productivity growth up to levels not seen in decades. [curiouscapitalist.blogs.time](http://curiouscapitalist.blogs.time)

"There is no empirical case to be made for this. Declines in U.S. manufacturing employment can be directly attributed to increased manufacturing productivity." [Rand.org](http://Rand.org)