

## John D. Villasenor

### Education

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1986 – 1989	<b>Stanford University</b> Ph.D. in Electrical Engineering
1985 – 1986	<b>Stanford University</b> M.S. in Electrical Engineering
1982 – 1985	<b>University of Virginia</b> B.S. in Electrical Engineering

### Appointments

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Since 1992	<b>University of California, Los Angeles</b> <i>Current Position: Professor of Electrical Engineering, Public Policy, and Management</i> <i>Visiting professor at the UCLA School of Law</i> Conducting research on innovative communications, networking, security, information processing, and computing technologies and their broader implications. Areas of work have included cybersecurity, wireless mobile devices and systems, signal and image processing, digital financial services, “drones,” driverless cars, and digital currencies. See <a href="http://johnvillasenor.com">http://johnvillasenor.com</a> for more information, including publications.	<b>Los Angeles, CA</b>
Since 2011	<b>The Brookings Institution</b> <i>Nonresident Senior Fellow, Governance Studies Program</i> Examining a broad range of issues at the intersection of technology, policy, and law, generally related to the topics listed above. Co-direct the Brookings Financial and Digital Inclusion Project, an effort to assess financial inclusion in several dozen countries in the Americas, Africa, and Asia. See <a href="http://www.brookings.edu/experts/villasenorj.aspx">http://www.brookings.edu/experts/villasenorj.aspx</a> for more information.	<b>Washington, DC</b>
2014-2016	<b>Stanford University</b> <i>National Fellow (2014-2016), Visiting Fellow (since 2016), The Hoover Institution</i>	<b>Stanford, CA</b>
1990 – 1992	<b>Jet Propulsion Laboratory</b> Developed new techniques for imaging and mapping the earth from space.	<b>Pasadena, CA</b>

### Other Professional Activities

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- Member, Council on Foreign Relations
- Affiliate, Center for International Security and Cooperation (CISAC), Stanford. See [http://cisac.stanford.edu/people/john\\_villasenor](http://cisac.stanford.edu/people/john_villasenor)
- Direct a Department of Homeland Security-supported project aimed at improving cybersecurity in U.S. critical infrastructure. See <http://cisac.fsi.stanford.edu/docs/critical-infrastructure-and-supply-chain-assurance-0>
- Appointed in 2012 (term ended mid-2014) by the World Economic Forum to the Global Agenda Council on the Intellectual Property System. From 2013 to 2014, vice chair of the council.

- Mid-2014 to mid-2016: Member of the World Economic Forum’s Global Agenda Council on Cybersecurity. See <http://www.weforum.org/content/global-agenda-council-cyber-security-2014>
- Have contributed to international standards organizations and industry consortia for the development of new communications standards.
- Have provided expert testimony in multiple intellectual property matters in Federal District Court, at the U.S. International Trade Commission in Washington, and before the U.S. Patent and Trademark Office.
- Have provided congressional testimony before the House Judiciary Committee in 2013 and 2014, before the Senate Commerce Committee in 2015, and before the House Energy and Commerce Committee in 2015. See <http://johnvillasenor.com/publications/congressional-testimony/>
- Served as Vice Chair of the International Center for Missing and Exploited Children’s Digital Economy Task Force. See <http://site.thomsonreuters.com/business-unit/legal/digital-economy/digital-economy-task-force-report.pdf>
- Developed and implemented an online training program covering patents, copyright, trademarks, and trade secrets. The program was adopted and implemented by the University of California. See <https://techtransfer.universityofcalifornia.edu/IPAwareness/story.html>
- Active in early stage technology venture capital since the 1990s

## **Publications and Patents**

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- Over 150 academic papers published in venues including engineering journals and conference proceedings (see <http://johnvillasenor.com>). Articles and commentary also published in broader interest venues including the *Atlantic*, *Billboard*, the *Chronicle of Higher Education*, *Fast Company*, *Forbes*, the *Huffington Post*, the *Los Angeles Times*, the *New York Times*, *Scientific American*, *Slate*, and the *Washington Post*.
- Approximately 20 issued and pending U.S. patents in areas including communications, information processing, and cybersecurity.