Victoria Stodden
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Biography
Victoria is assistant professor of Statistics at Columbia University. Her current research focuses on reproducibility of computational results, and includes understanding factors underlying code and data sharing among researchers, how pervasive and large-scale computation is changing our practice of the scientific method, and the role of legal framing for scientific openness and advancement.

She completed her PhD in statistics at Stanford University in 2006 with advisor David Donoho. Her thesis evaluated regression techniques for cases where there are many more variables than observations, addressing a key consequence of the modern data deluge. A component of her dissertation was the creation and release of SparseLab, a collaborative platform for distributing code and data underlying published papers that focus on sparse solutions to underdetermined systems of equations.

After completing her PhD in statistics, she obtained a Master's in Legal Studies in 2007 from Stanford Law School where she created a new licensing structure for computational research. Her paper proposing this Intellectual Property framework, called the *Reproducible Research Standard*, won the Kaltura Writing Competition, given in connection with the Third Conference on Access to Knowledge (A2K3) in 2008.

She co-chairs a working group on Communities and Virtual Organizations in the NSF's Office of Cyberinfrastructure Task Force on Grand Challenge Communities. She is a Science Commons fellow, a nominated member of the Sigma Xi scientific research society, and the AAAS. She has previously been Postdoctoral Associate in Law and a Kauffman Fellow in Law at the Information Society Project at Yale Law School where she convened a roundtable on Data and Code Sharing in Computational Science. The roundtable published a jointly authored Open Science Declaration.

She has also been a postdoc with Eric von Hippel's Innovation and Entrepreneurship Group at MIT's Sloan School of Management, and a research fellow at the Berkman Center at Harvard Law School. She has taught quantitative methods as a Lecturer in Law at Stanford Law School, as well as statistics and computing at Stanford University, the University of California at Berkeley, and San Jose State University. For her teaching efforts Stanford has recognized her with the Centennial Teaching Award and twice with the Statistics Departmental Teaching Award.

She has worked as a summer extern at the U.S. Court of Appeals for the Ninth Circuit with Chief Judge Kozinski and served as Managing Editor of the Stanford Law and Policy Review in 2007. She's been a summer intern at PARC.com (formerly Xerox PARC) and IBM's T. J. Watson Research Labs.

She obtained Master's and Bachelor's degrees in Economics from the University of British Columbia and the University of Ottawa respectively.