

Name and title	Tatsuro YODA, Ph.D. Senior Analyst, Institute for Future Engineering
Research focus	science and technology policy, technology foresight, higher education policy, policy analysis
Recent selected research projects (reports written in Japanese.)	<p>※Asterisk (*) shows the project for which Tatsuro Yoda was a project leader.</p> <p><u>FY2014</u></p> <p>*Comparative study on government policies to prevent research misconduct in major countries. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. October 2014.</p> <p><u>FY2013</u></p> <p>*Study on international mobility of researchers. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. March 2014.</p> <p>Survey on SME-University collaboration in Japan. Contract study for the Ministry of Economy, Trade and Industry. March 2014.</p> <p>Study on diversity of science and technology research in Japan. Research study with grant from the Watanabe Memorial Foundation for the Advancement of Technology. December 2013.</p> <p>Science, technology and innovation policy in Germany. Contract study for the Cabinet Office. March 2014.</p> <p><u>FY2012</u></p> <p>*Study on methodologies for scanning social and economic problems for science and technology policy making. Research study with grant from the Watanabe Memorial Foundation for the Advancement of Technology. March 2013.</p> <p>Comparative study on best management practices at major R&amp;D funding agencies in Japan and European countries. Contract study for NEDO.</p> <p>Study on methodologies for evaluating the 4th Science and Technology Basic Plan in Japan. Contract study for the</p>

Cabinet Office.

FY2011

\*Study on long-term policy visions in Japan. Research study with grant from the Watanabe Memorial Foundation for the Advancement of Technology. December 2011.

\*Study on funding mechanisms for promoting commercialization of research results at universities. Contract study for the Ministry for Economy, Trade, and Industry. March 2012.

\*Study on gap funding programs at universities in the U.S., Europe and Japan. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. December 2011.

\*Study on corporate foresight. Research study with grant from the Watanabe Memorial Foundation for the Advancement of Technology. March 2012.

Study on implementation and use of ex post evaluations of R&D programs. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. March 2012.

Study on preparation of the society and development of S&T to cope effectively with crisis situations. Contract study for the Watanabe Memorial Foundation for the Advancement of Technology. March 2012.

FY2010

\*What are hurdles for promoting open innovation in Japan for firms, universities, public research institutes, government, industry, economy, and society?: Literature survey. Contract study for the National Institute of Advanced Industrial Science and Technology (AIST). March 2011.

\*Comparative study on medical devices innovation and cooperation between medical doctors and engineers in Japan, United States, and Germany. Research study with grant from the Watanabe Memorial Foundation for the Advancement of Technology. March 2011.

\*Tatsuro Yoda and Takeo Yamada. Strategy for constructing an international R&D consortium on nanotechnology in Japan. Contract study for the National Institute of Advanced

	<p>Industrial Science and Technology (AIST). March 2011.</p> <p>*Study on participation of foreign firms in R&amp;D activities at U.S. universities. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. March 2011.</p> <p>Study on science on science, technology and innovation policy. Contract study for the Research Institute for Science and Technology for Society (Japan Science and Technology Agency). March 2011.</p> <p><u>FY2009</u></p> <p>*Comparative study on the scale of higher education in major countries. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. March 2010.</p> <p>*Comparative study on quality assurance systems and degree programs of universities in major countries. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. July 2009.</p> <p>*Study on innovation system of publicly funded research. Contract study for the National Institute of Advanced Industrial Science and Technology (AIST). July 2009.</p> <p><u>FY2008</u></p> <p>Opinion survey on job search experiences of doctoral students and graduates of doctoral programs. Contract study for the Ministry of Education, Culture, Sports, Science and Technology. March 2009.</p> <p>*Report on the 19th Northeast Asia Cooperation Dialogue. Contract project for the Ministry of Foreign Affairs. March 2009. (classified)</p> <p>*Post-program evaluation study on PRESTO (Precursory Research for Embryonic Science and Technology) science research projects (research areas: Form and Function, Structure and Transformation, and Unit Process and Combined Circuit (FY1997-2002)). Contract study for the Japan Science and Technology Agency. October 2008.</p> <p><u>FY2007</u></p> <p>*Report on the 18th Northeast Asia Cooperation Dialogue. Contract project for the Ministry of Foreign Affairs. March</p>
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	<p>2008. (classified)</p> <p>*Study on priority-setting processes of making a long-term R &amp; D strategy at public research institutes in Japan and abroad. Contract study for the National Institute of Advanced Industrial Science and Technology (AIST). March 2008.</p> <p>*Study on budget composition of major public research institutes in the United States and European countries. Contract study for the National Institute of Advanced Industrial Science and Technology (AIST). March 2008.</p> <p>Japan External Trade Organization (JETRO) et al. Report on pilot project of the introduction of Resident Information Management System in the Socialist Republic of Vietnam. March 2008.</p> <p>*Comparative study on methods for constructing logic for selection of R &amp; D themes. Contract study for the National Institute of Advanced Industrial Science and Technology (AIST). June 2007.</p> <p>Japan Science and Technology Agency. Report on survey on Science Channel programs in FY2008. September 2007.</p> <p><u>FY2006</u></p> <p>Study for making future scenarios on innovation in 2025. Contract study for the National Institute of Science and Technology Policy. March 2007.</p>
Education	<p>Ph.D. (policy analysis). Pardee RAND Graduate School (USA)</p> <p>M.A. (science and technology policy) Science Policy Research Unit. University of Sussex. UK.</p> <p>M.S. Department of General Systems Studies, Graduate School of Arts and Sciences, University of Tokyo.</p> <p>Bachelor of Liberal Arts. Systems Sciences Section, College of Arts and Sciences, University of Tokyo.</p> <p>Georgetown University. School of Foreign Service. Fellow (1996-97).</p>
Job experiences	<p>2006 – Present: Senior Analyst, Institute for Future Engineering (Japan)</p> <p>Before joining the Institute for Future Engineering in 2006 (the</p>

	<p>Institute for Future Technology (IFTECH) at the time), Yoda was a researcher at the RAND Corporation (USA), and an official at the Japan Defense Agency (renamed as the Ministry of Defense at present) of the Japanese government. At the Japan Defense Agency, he worked mainly for Intelligence Division and R&amp;D Planning Division.</p>
<p>Publication (peer-reviewed)</p>	<p>Tatsuro Yoda. "The effect of collaborative relationship between medical doctors and engineers on the productivity of developing medical devices." <i>R&amp;D Management</i>. (accepted in January 2015)</p> <p>Toshihiko Nomi, Yoshinao Onuma, and Tatsuro Yoda, "Estimation of the Number of SMEs Conducting Joint Research with Universities and Examination of Future Measures." (In Japanese) <i>Journal of the Japan Society for Intellectual Production</i>. (accepted in December 2014)</p> <p>Tatsuro Yoda. "Perceptions of domain experts on impact of foresight on policy making: The case of Japan." <i>Technological Forecasting &amp; Social Change</i>. 78 (2011), pp. 431-447.</p> <p>Tatsuro Yoda. "Japan's Host Nation Support Program for the U.S.-Japan security alliance: Past and Prospects," <i>Asian Survey</i>, 46:6 (November/December 2006)</p> <p>Tomohiro Ijichi, Tatsuro Yoda, Ryo Hirasawa, "Mapping R &amp; D Network Dynamics: Analysis of the Development of Co-author and Co-inventor Relations" <i>Journal of Science Policy and Research Management</i>, Vol. 8, No.3, 1993</p>
<p>Recent conference papers, etc.</p>	<p>Tatsuro Yoda and Hiroyuki Ohtake. "Diversity in mobility patterns of researchers" at the 29<sup>th</sup> conference of the Japan Society of Science Policy and Research Management. October 2014.</p> <p>Tatsuro Yoda. "Corporate Foresight in Japan" at the 28<sup>th</sup> conference of the Japan Society of Science Policy and Research Management. November 2013.</p> <p>Tatsuro Yoda, Hiroyuki Otake and Ryo Hirasawa. "Exploration of wildcard scenarios for identifying the social and economic issues germane to Japan's science and technology policy." (in</p>

	<p>Japanese) at the 27<sup>th</sup> conference of the Japan Society of Science Policy and Research Management. October 2012.</p> <p>Tatsuro Yoda. 2009. Cooperation between medical doctors and engineers for developing advanced medical devices. In <i>Proceedings of the 2009 Atlanta Conference on Science and Innovation Policy</i>, ed. Susan E. Cozzens and Pablo Catalán. IEEE. [<a href="http://hdl.handle.net/1853/32330">http://hdl.handle.net/1853/32330</a>]</p> <p>Tatsuro Yoda. "Participants Looking Back: What Are Perceptions of Participants of Past Foresight Activities on the Impact on Policy-making?" IPTS. Third International Seville Conference on Future-Oriented Technology Analysis (FTA). October 2008.</p>
Award	Richard E. Sherwood Memorial Award (June 2006, RAND Corporation)
Professional organizations	<p>2006- The Japan Society for Science Policy and Research Management</p> <p>2014- Public Policy Studies Association, Japan</p>
Languages	Japanese (native), English (fluent), French (moderate), German (basic)