

<p>[氏名] Mariko Yang-Yoshihara ヤング吉原麻里子</p>	
<p>[現職] Instructor, Stanford Program on International and Cross-cultural Education (SPICE); Affiliate Professor, Tohoku University; Affiliate Professor, Ritsumeikan University; Co-Lecturer, Hosei University; Co-founder, SKY Labo スタンフォード大学国際相互文化教育プログラム (SPICE) 講師、東北大学客員教授、立命館大学客員教授、一般社団法人 SKY Labo 創業者・共同代表</p>	
<p>[学生へのメッセージ]</p> <p>After completing my bachelor's degrees in Japan and in the United States, I received my M.A. and Ph.D. in Political Science from Stanford University in 1995 and 2000, respectively. I currently serve as an Instructor and Education Researcher at the Stanford Program on International and Cross-Cultural Education (SPICE). In addition to my appointment at SPICE, I serve as a faculty member at several institutions in Japan, including Tohoku University and Ritsumeikan University where I am an Affiliate Professor.</p> <p>My work has three pillars. The first pillar revolves around teaching, mentoring, and curriculum development. I design my classes using inquiry-based pedagogy to empower students with practical tools that are essential in increasing their academic confidence. Majority of my courses are taught virtually by harnessing online learning platforms and video-conferencing software. My class equips students with an appropriate skill set and knowledge base to conduct research by understanding and analyzing various social phenomena.</p> <p>The second pillar of my work revolves around research. I have investigated the topics at the intersection of policy and innovation to facilitate the understanding of the resultant complex social issues. My scholarly investigations have been included in the volumes published by MIT Press, Tokyo University Press, and Hakuto Shobo, as well as Journal of Science Policy and Research Management. More recently, the scope of my research has pivoted around gender issues in STEM (Science, Technology, Engineering and Mathematics). My co-authored paper, which provides empirical support that a short intervention can produce positive change in how female youths relate to STEM, has been published in the International Journal of STEM Education in 2021. In addition, I co-authored a book on STEAM education and Design Thinking,</p>	

which was published in Japanese (Asahi Shinbun Press, 2019) and recently been translated into the Chinese language (Zhejiang People's Publishing House, 2021).

The third line of my work falls under training and management. In 2016, I co-founded SKY Labo, a non-profit educational initiative which aims to instill self-efficacy among girls in STEAM, which combines STEM and liberal arts education. This novel approach has obtained official support from the Gender Equality Bureau of Japan's Cabinet Office in 2019. As the Chief Education Officer, I have trained and managed over 50 young adults as teaching staff who lead our in-person and online programs for over 330 students and educators. Lastly, in 2021, I launched a cross-national book project, which involves authors from Asia, Africa, Australia, Middle East, North America, South America, Western Europe, and Eastern Europe. I serve as one of the three Main Editors. Our book proposal has succeeded in obtaining funds from the European Association of Research Managers and Administrators (EARMA) and is currently under contract by Emerald Publishing.

[専門分野] イノベーションを支える制度と人材の国際比較、研究デザイン（定性的手法の有用性と実践）、STEAM 教育と人材育成

[担当科目] Global Management

[主な経歴] スタンフォード国際相互文化教育プログラム講師、東北大学客員教授、立命館大学客員教授、東京工業大学非常勤講師

[主な研究業績/社会的活動]

ヤング吉原麻里子「私が世界を変えられるかもしれないーSTEAM教育を通じた

Society 5.0 人材の育成事例」『月刊経団連』（2021年8月号）

Kijima, Rie, **Mariko Yang-Yoshihara**, and Marcos Sadao Maekawa. "Using design thinking to cultivate the next generation of female STEAM thinkers." *International Journal of STEM Education* 8.1 (2021): 1-15.

ヤング吉原麻里子「科学技術立国スイスの研究支援人材ーリサーチ・アドミニストレーターの実態と動向」『欧州の教育・雇用制度と若者のキャリア形成: 国境を越えた人材流動化と国際化への指針』（白桃書房 2019年、第9章執筆）

ヤング吉原麻里子・木島里江『世界を変える STEAM 人材：シリコンバレー「デザイン思考」の核心』（朝日新書 2019 年、共著）

ヤング吉原麻里子「米国 SBIR 政策の源流と歴史」『イノベーション政策の科学』（東京大学出版 2015 年、第 2 章執筆）

ヤング吉原麻里子・玄場公規・玉田俊平太「学際性を重視したイノベーション教育の先進事例：スタンフォード大学 Biodesign プログラム」、『研究技術計画』Vol. 29, No. 2/3

Mariko Yoshihara and Katsuya Tamai. "Lack of Incentive and Persisting Constraints: Factors Hindering Technology Transfer at Japanese Universities," in *Industrializing Knowledge: University-Industry Linkages in Japan and the United States*, eds. Lewis M. Branscomb, Fumio Kodama, and Richard Florida. Cambridge: MIT Press, 1999. pp. 348-364.

一般社団法人スカイラボ共同設立（2016 年）

パロアルト管弦楽団理事（2014 年～）

[所属学会・団体] 組織学会、研究イノベーション学会、American Educational Research Association (AERA)、European Association for Japanese Studies (EAJS)、U.S.-Japan Council (USJC)

[資格・表彰] *Magna Cum Laude* 受賞 (University of California, Irvine.) , Ph.D. (Stanford University)