

Report

Policy Research Center
Research Project Accomplishment Report

Date: 2021/2/26

Project Leader: Professor Stacey Chen

Research Project Title Effects of Elite Hospital Residency Training on Junior Doctors' Quality Growth

Duration (yyyy/mm/dd): 2020/4/1 ~ 2020/3/31 1 year

Co-Investigator	Title	Name	Affiliation	(Remarks)
Co-Investigator 1	Dr.	Kiyoshi Kurokawa	GRIPS Professor Emeritus	
Co-Investigator 2	Dr.	Tasuharu Tokuda	Director, Muribushi Project for Teaching Hospitals, Okinawa	
Co-Investigator 3	Mr.	Juhei Matsumoto	Director, Data Analysis Division, Japan Institute for Advancement of Medical Education Program or JAMEP	
Co-Investigator 4	Mr.	Taiga Tsubota	Graduate student of Economics, University of Tokyo	
Co-Investigator 5				

Project aims and goals:

We propose to utilize the change in each junior doctor's examination score from the first year to the second year of the resident program to evaluate the causal impact of elite hospital training on junior doctors' quality growth. This project will be the first that links nationwide examination results of Japanese junior doctors to their training programs. For this project, we will also evaluate examination designs and question quality. Such evaluation of national medical examinations will also be the first time in Japan. Our results outcomes will potentially make important contributions to the academic literature and provide useful policy implications. We intend to first work closely with policymakers and official data management officers in evaluating and improving the designs of national examinations. Using the evaluation results and the data sources, we can go further to examine the effectiveness of hospital training programs in improving junior doctors' performance. Our findings will potentially help policymaking and contribute to academic literature.

Accomplishment(s) of Project (400 words):

(*If the impact of COVID-19 makes it difficult to execute the plan, describe the reason here :)

Since 2020 March, we have accomplished the following items: (1) Using Item Response Theory (IRT) methods, we have evaluated the 2019 General Medicine In-Training Examination (GM-ITE) results. (2) In 2020 June, we presented our findings on 2019 test results in a briefing to JAMEP director and Dr. Kurokawa. During the meeting, we also discuss the research agenda and future plans. (3) In 2020 November, we have the kick-out meeting to start a new project with several new researchers. (4) We are in the middle of evaluating the 2020 GM-ITE results.

Accomplishments:

Please fill in [\[the list of Accomplishment\]](#)

Other things to report:

(Please include

List of Accomplishment

List of Accomplishment

(including forthcoming)

(If the description exceeds five in each item, please add a line as necessary.)

Article

Academic papers (including those published in general journals)

*For collaboratively authored papers, please underline your name.

*Please report "Peer-reviewed academic conference papers" as well.

Author	<small>0 in total</small> Title	<small>The number of referred article</small> Publisher	<small>0</small> Vol/No /Chapt er/Sect ion	<small>0</small> Date of Publications	<small>0</small> Pages (from)	<small>0</small> Pages (to)	<small>0</small> Referee Report (yes=1)	<small>0</small> Internatio nal coauthors hip (yes=1)	<small>0</small> DOI	<small>0</small> Open Access (yes=1)
1										
2										
3										
4										
5										

Book

*For collaboratively edited or authored books, please underline your name.

*If you are an author of a chapter in a book, please report in "Article" category.

Author	<small>0 in total</small> Title	Publisher	Date of Publications	Total pages
1				
2				
3				
4				
5				

Verbal report / Conference presentation

*Here please report "Non-peer-reviewed academic conference papers".

*When you or co-investigator had a lecture/presentation as invitees, please specify "(invited lecture)" after Event Title.

Presenter	<small>0 in total</small> Title	Event Title	Venue	Date
1				
2				
3				
4				
5				