

# DOHYO JEONG

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## RESEARCH INTERESTS

Public Health, Public Policy Analysis, Machine Learning, Government Finance, Research Methods, GIS

## EDUCATION

Aug. 2020 –	<b>University of Texas at Dallas, Texas, USA</b> Doctoral Student on Public Policy and Political Economy
Aug. 2022 –	<b>University of Texas at Dallas, Texas, USA</b> Master of Science in Social Data Analytics and Research
Mar. 2017 – Feb. 2019	<b>SUNGKYUNKWAN UNIVERSITY, SEOUL, KOREA</b> Master of Public Administration (GPA: 4.45/4.5) <i>Thesis Title: Factor Affecting the Distribution of National Subsidies in Korean Local Governments: Focusing on Rhodes' Power-Dependence Model (Advisor: Professor SUHO BAE)</i>
Mar. 2011 – Feb. 2017	<b>SEOKYEONG UNIVERSITY, SEOUL, KOREA</b> Bachelor of Arts in Philosophy & Public Administration (GPA: 4.34/4.5)

## PUBLICATIONS

[5] **DOHYO JEONG**, Sangho Moon, SUHO BAE. (2019). Factors Affecting the Distribution of National Subsidies in Korean Local Governments: Focusing on Rhodes' Power-Dependence Model. *The Korea Journal of Policy Analysis and Management*, Vol.29 No3: 21-53.

[4] **DOHYO JEONG**, CHANG-JIN KIM, SUHO BAE. (2019). A Study on Determinants of Tax Attitude: Focusing on Slippery Slope Framework, *Public Policy Review*, Vol.33 No.3: 43-72.

[3] CHANG-JIN KIM, **DOHYO JEONG**, SUNG-WOO HONG. (2019). The Effects of Decentralization Perception on the Recognition of Intergovernmental Relationship: Focusing on Mediating Effect of Dispute Settlement System - *Journal of Local Government Studies*. Vol.31 No.3: 1-35.

[2] **DOHYO JEONG**, YOUNGKYU LEE, SEONGYOUNG JEONG. (2018). An Analysis of the Effect of the Tax Rate on the Financial Efficiency of Local Governments. *The Korea Journal of Local Government Studies*, Vol.22 No.3: 415-443.

[1] Dae-yong Hyun, **DOHYO JEONG**, (2017). Analysis of differences in perception of administrative values among civil servants and general civil servants: Focused on Suwon City Government Officials. *Suwon Research Institute*. No. 12: 119-141.

## CONFERENCE PRESENTATION

- [7] **DOHYO JEONG**. (2022). A comparison of the spread trend prediction model according to the government's COVID-19 response policy change and its influence, 2022 Korean Public Administration International Conference. Korea. 22 June. 2022.
- [6] **DOHYO JEONG**. (2021). The effect of the government's vaccination management plan on the change of sentiment toward vaccines, 2021 Global Disastronomy Workshop. Texas. USA. 17 Dec. 2021.
- [5] **DOHYO JEONG**, Chang-jin Kim. SUHO BAE. (2019). A Study on the Factors Affecting the Taxation Attitude of General Taxpayers. Korean Association for Local Government Studies Winter Conference. Seoul. KOREA. 14 Feb. 2019
- [4] Chang-jin Kim. **DOHYO JEONG**, SUHO BAE. (2019). The Mediation Effect of Dispute Settlement System in the Perception of Regional Dispersion and Intergovernmental Relations. Korean Association for Local Government Studies Winter Conference. Seoul. KOREA. 14 Feb. 2019.
- [3] **DOHYO JEONG**, YOUNGKYU LEE, SUHO BAE. (2018) An Analysis of the Effect of the Tax Rate on the Financial Efficiency of Local Governments. Korea Association of Local Administration Summer Joint Conference Chungcheong-do. KOREA. 20 Jul. 2018
- [2] **DOHYO JEONG**. (2017). The Effects of Tax Recognition on the pros and cons of Welfare Policy. Seoul Association of Public Administration Fall Conference. Seoul. KOREA. 3 Nov. 2017
- [1] Dae-yong Hyun, **DOHYO JEONG**. (2017). A Study on the Policy Diffusion of Local Government in Korea: focusing on Resident Participation Budget System. Korea Association of Local Administration Summer Joint Conference. Gyeonggi-do. KOREA. 18 Aug. 2017

## WORK EXPERIENCE

Jan. 2020 – May. 2020	<p><b>Gyeonggi Research Institute, Korea</b></p> <p><i>Researcher, Economic and Social Research Lab</i></p> <p>Responsibilities</p> <ol style="list-style-type: none"> <li>1. Local industry geographic distribution data collection and analysis.</li> <li>2. Establishment and analysis of strategic plans for regional strategic industries.</li> <li>3. Industry policy evaluation and report.</li> </ol>
Apr. 2019 – JAN. 2020	<p><b>Sustainable Urban Development Institute (SUDI) SUNGKYUNKWAN UNIVERSITY, SEOUL, KOREA</b></p> <p><i>Researcher, the Center for Urban Policy Studies</i></p> <ul style="list-style-type: none"> <li>• Responsibilities: <ol style="list-style-type: none"> <li>1. Diagnosis of problems of local autonomy and decentralization, and development of improvement measures <ul style="list-style-type: none"> <li>• Assessment of local government's fiscal soundness and efficiency</li> </ul> </li> <li>2. Policy development for sustainable local government and rational creation of finance <ul style="list-style-type: none"> <li>• Study on applicability of flexible taxes, tax competition, evaluation of local fiscal reconciliation system, and allocation of government subsidies</li> </ul> </li> <li>3. Database city information and utilize that information for city research and policy development data <ul style="list-style-type: none"> <li>• Research and application of statistics package such as STATA, SPSS, AMOS, and SAS</li> </ul> </li> </ol> </li> </ul>

## RESEARCH EXPERIENCE

December. 2021 – June. 2022	<b>Identifying Hotspots of Tuberculosis in Nigeria using EWORS: Implications for Active Case Finding and Intervention.</b> <ul style="list-style-type: none"> <li>- <b>Research Assistant, University of Texas at Dallas</b> <ul style="list-style-type: none"> <li>Combining and managing Nigerian tuberculosis data</li> <li>Disease distribution mapping and pattern analysis</li> <li>EWORS system effectiveness analysis and evaluation</li> <li>System effect mapping and geospatial analysis</li> </ul> </li> </ul>
Aug. 2021 –	<b>Emergency Medical Services (EMS) Policy Implementation Evaluation and Efficiency Analysis in Nigeria</b> <ul style="list-style-type: none"> <li>- <b>Research Assistant, University of Texas at Dallas</b> <ul style="list-style-type: none"> <li>Nigeria traffic accident information mapping and data management</li> <li>Ambulance Reaction Time Patterns and Statistical Analysis</li> <li>Analysis and evaluation of traffic policy effects</li> </ul> </li> </ul>
Mar. 2017 – Feb. 2019	<p>Pursuing an Empathic Government Through Convergent Leadership Development Program</p> <ul style="list-style-type: none"> <li>- <b>Research Assistant, SUNGKYUNKWAN UNIVERSITY/NATIONAL RESEARCH FOUNDATION OF KOREA</b> <ul style="list-style-type: none"> <li>Project Title: <i>“BK21 Plus (Brain Korea 21 Plus): Pursuing an Empathic Government Through Convergent Leadership Development Program”</i></li> <li>Party of support: National Research Foundation of Korea</li> <li>Responsibilities:               <ol style="list-style-type: none"> <li>Diagnosis and development of problems in interdisciplinary convergence research                   <ul style="list-style-type: none"> <li>Compare the concept of ‘Publicity’ in the West and the East, and study the definition of publicity in Korean Public Administration</li> <li>Compare the bureaucracy theory of the Oriental administration Philosopher Han Feizi and the bureaucracy theory of Max Weber in the West, and derive various implications for application to modern bureaucracy</li> </ul> </li> <li>Analysis and evaluation of the influence of government trust</li> </ol> </li> </ul> </li> </ul> <p>Study the influence of tax recognition and government trust on the welfare policy attitude</p>

## AWARDS, SCHOLARSHIPS AND HONORS

Sep. 2022	Awards 3rd prize in the treatise contest by the KOREA INSTITUTE OF PUBLIC FINANCE
Feb. 2019	Awards for Excellent Records, SUNGKYUNKWAN UNIVERSITY
Nov. 2018	Awards The 3 <sup>rd</sup> Report for Korea National Tax Administration Policy Proposal Contest Participation Prize, National Tax Service
Fall 2018	Academic Excellence Scholarship, SUNGKYUNWAN UNIVERSITY Encouragement of Research Scholarship, SUNGKYUNWAN UNIVERSITY
Spring 2018	Academic Excellence Scholarship, SUNGKYUNWAN UNIVERSITY Encouragement of Research Scholarship, SUNGKYUNWAN UNIVERSITY
Fall 2017	Academic Excellence Scholarship, SUNGKYUNWAN UNIVERSITY Encouragement of Research Scholarship, SUNGKYUNWAN UNIVERSITY
Spring 2017	Academic Excellence Scholarship, SUNGKYUNWAN UNIVERSITY Encouragement of Research Scholarship, SUNGKYUNWAN UNIVERSITY
Fall 2016	An Excellent-grade Scholarship, SEOKYEONG UNIVERSITY
Spring 2016	An Excellent-grade Scholarship, SEOKYEONG UNIVERSITY

Fall 2015	Grade(extra) Scholarship, SEOKYEONG UNIVERSITY
Spring 2015	An Excellent-grade Scholarship, SEOKYEONG UNIVERSITY Recommendation of Department Scholarship, SEOKYEONG UNIVERSITY
Fall 2014	Special Scholarship, SEOKYEONG UNIVERSITY
Fall 2011	An Excellent-grade Scholarship, SEOKYEONG UNIVERSITY

#### **VOLUNTARY/ EXTRACURRICULAR ACTIVITIES**

Aug. 2016 – Aug. 2016	<b>Educators Without Borders , Seoul, Korea</b> <i>Participant</i> <ul style="list-style-type: none"> <li>Completion of the curriculum on cooperation in international education development</li> </ul>
Mar. 2015 – Aug. 2015	<b>Ministry of Foreign Affairs, Seoul, Korea</b> <i>Supporter</i> <ul style="list-style-type: none"> <li>Friends of Ministry of Foreign Affairs (MOFA): Policy promotion and write articles</li> </ul>
Feb. 2015 – Feb. 2015	<b>Seokyeong University, Seoul, Korea</b> <i>A member of student monitoring team</i> <ul style="list-style-type: none"> <li>Analysis and Evaluation of School Curriculum and Educational Conditions</li> </ul>

#### **CERTIFICATES & SKILLS**

<b>Computer</b>	Word-processor credentials Computer Specialist in Spreadsheet & Database
<b>Others</b>	R statistical package STATA statistical package Python statistical package SPSS statistical package AMOS statistical package SAS statistical package DEA statistical package HLM statistical package

#### **ADDITIONAL REMARKS**

I hereby certify that above detailed statements are all true and correct.



Signed by, **DOHYO JEONG**