

Yushan Fellow Program

Performance Report

University and Appointed Faculty: NCCU College of Commerce	Academic Field: Social Sciences
Name of the Yushan (Young) Fellow: Hsiao-Hui Lee	<input type="checkbox"/> Yushan Fellow <input checked="" type="checkbox"/> Yushan Young Fellow

Assessment of effectiveness of tangible work (The implementation results can be presented cumulatively, including the annual performance report of the second year, which can include the results of the first year and the second year)

Main points of assessment	The anticipated goals	Concrete work achievements or results	Supporting documents
1. Chief content of the Yushan (Young) Fellows' research work and overview of full research process.	The scholar expects to produce multiple top tier journal papers with international exposure and highly practical topics from the three research (supply chain management, corporate innovation and CSR, and quality management).	My recent research has focused on two directions - supply chain management and related topics in its connection to innovation/corporate social responsibility (CSR). Specifically, I have published 5 journal papers in the past three years. See Appendix No. 2 for more details.	Appendix No. 1 and 2.
2. The link between Yushan (Young) Fellows' future research topics and the university's development and the anticipated benefits (including Higher Education SPROUT Project): (1) Fellows' research plan and goals (2) The link between scholars' research content and the	<ul style="list-style-type: none"> Research: The scholar expects to produce multiple top tier journal papers with international exposure and highly practical topics from the three research (supply chain management, corporate innovation and CSR, and quality management). In addition, the scholar is expected to take over the director role of the Center for Supply Chain 	<ul style="list-style-type: none"> Research: Secured two MOST (now NSTC grants) and published five top or leading journal papers (see Appendix 2). Teaching: I have taught various courses in bachelor, master and PhD levels, inspiring students at different levels, and training students who meet the needs of industry or academia. 	Appendix No. 1 and 2.

Main points of assessment	The anticipated goals	Concrete work achievements or results	Supporting documents
<p>university's development</p> <p>(3) Specific work performance or achievements, please include the mid-term progress report of the particular research plan</p> <p>(4) Anticipated goals (including qualitative or quantitative working performance or results)</p> <p>※ If there is a quantitative work achievements, please fill out “Quantitative Assessment Form”</p>	<p>Management, to help further development of the center. Lastly, CSR is also one of the important development areas at the College of Commerce, NCCU, and she is expected to actively participate activities around CSR.</p> <ul style="list-style-type: none"> • Teaching: The scholar also expects to share her research outputs, including master/bachelor level courses such as Supply Chain Analytics, Business Process Operations, and PhD level course in research methods, to inspire students in different stages of their career and train students to fit industry and/or academia needs. • Administration: The scholar expects to participate in the operations in master programs in School of Commerce at NCCU, and host international conferences to enhance international exposure for NCCU. 	<ul style="list-style-type: none"> • Service: I took over as the director of the Center of Supply Chain Management Research in April 2019. Moreover, in order to increase the international visibility and popularity of National Chengchi University, I also gave online seminars in Singapore and at international conferences under the pandemic. 	
<p>3. Support provided by the university and the project's original goals (please specify the type of support or funds provided by the university to assist in research, such as research equipment and funds, research assistant personnel expenses, accommodation, relocation, children's education assistance, etc.)</p>	<p>In accordance with the submitted application/proposal.</p> <p>Reimbursement for relocation;\$50,000 Research Office: Room 261205 Research Labs: Operations and Analytics Lab</p>		

Main points of assessment	The anticipated goals	Concrete work achievements or results	Supporting documents
4. Yushan Fellows ' team cooperation (please list team members and cooperation methods) (Yushan Young Fellows don't need to fill in this)	In accordance with the submitted application/proposal. N/A		
5. Yushan (Young) Fellow should aim to cooperate and exchange foreign academic resources, which should be linked to university development. It's suggested to make good use of these global academic network resources to assist the internationalization of the host university and promote international exchanges and cooperation, including teachers and students exchange activity between universities, international research collaborations, dual degree programs and so on.	Expect the scholar to participate in the master's program and other such as hosting academic seminars to increase the international visibility of National Chengchi University.	<ul style="list-style-type: none"> • <u>Ad-hoc Reviewer</u>: Management Science, MSOM, POM • <u>Associate Editor</u>: <i>Decision Sciences Journal</i>, since 2022/08 • <u>Conference organizing/program committee</u>: POMS-HK 2019 (hosted by Poly U); POMS-HK 2020 (hosted by HKU); AIEA-NBER conference 2021 (online) ; POMS-HK 2022 (hosted by Lingnan University of HK); AIEA-NBER conference 2022 (hosted by KAIST). 	

Quantitative Assessment Form

Item		Results and concrete work performance	Explanation
1. Manpower training		Doctoral courses: ___3___ Graduate courses: ___10___ Undergraduate courses: ___3___ Doctoral students: _____ persons Master's students: ___2___ persons Undergraduate students: ___2___ persons Others: _____ persons	See Appendix 2
2. Papers and research works	Domestic	Journal papers: _____ Academic books and papers in books: _____ Conference papers: _____ Technical reports: _____ Others: _____	
	Overseas	Journal papers: ___5___ Academic books and papers in books: _____ Conference papers: _____ Technical reports: _____ Others: _____	See Appendix 2.
3. Keynote speaker		___13___ panels /sessions	See Appendix 2.
4. Patents (including patents pending)	Domestic	Quantity: _____	
	Overseas	Quantity: _____	
	<input type="checkbox"/> N/A		
5. Industry-Academia Cooperation		Number of partnered enterprises : _____ Number of industry-academia research projects: ___1___	
6. Technology licensing		Technology licensing cases: _____ Total technology licensing royalties (amount) NT\$ _____ <input type="checkbox"/> N/A	
7. Others			

Research

- Publication :
 - “Turning Liabilities of Global Operations into Assets: IT-enabled Social Integration Capacity and Exploratory Innovation,” Terence Saldanha, Arvin Sahaym, Sunil Mithas, Mariana Andrade, and Abhishek Kathuria, Hsiao-Hui Lee, 2020, *Information Systems Research*, 31(2), pp.361-382.
 - “Investment Strategies for Sourcing a New Technology in the Presence of a Mature Technology,” with Wei Zhang, 2018. Forthcoming, *Management Science*.
 - “Channel Design and OEM Growth in a Multi-market Setup,” with Tingkai Chang, Kevin Jean, and Chia-Wei Kuo, 2018. Forthcoming, *European Journal of Operational Research*, <https://doi.org/10.1016/j.ejor.2021.04.013>.
 - “Before It's Too Late: Product Recall Delays and Policy Design,” with Wenzheng (Wendy) Mao, and Zhanyu Dong, 2021. *Manufacturing & Service Operations Management* 24(4), pp. 1926-1938.
 - “Supply Chain Technology Spillover, Customer Concentration, and Product Invention,” with Haiping Hui, Po-Hsuan Hsu, and Kevin Tseng, 2022, *Journal of Economics and Management Strategy* 31(2) 393-417.
- Honors and Awards :
 - Recipient of Yushan Research Award, 2020, 2021, 2022
 - MOST excellent research award, 2021
- Selected invited talks
 - Before It's Too Late: Product Recall Delays and Policy Design.
 - Tuck School of Business, Dartmouth College, 2020/10/30 (online)
 - SMU, 2021/02/05 (online)
 - National Yang Ming Chiao Tung University, 2021/03/29
 - CUHK, 2021/07/08 (online)
 - 2021 Summer School on Operations Research and Applications by Department of Industrial Engineering and Engineering Management, NTHU (online)
 - Date: 8/19/2021
 - <http://www.ie.nthu.edu.tw/p/404-1310-208720.php?Lang=en>

- Nanyang Business School: (online)
 - Date: 12/3/2021 (2 pm to 3:30 pm)
 - Topic: Trade Credit Late Payment and Industry Structure
- 2022 POMS International in China (online):
 - Date: 6/26/2022 (5:10 pm to 6:30 pm)
 - Topic: Labor Malpractice: The Critical Role of Operations

Teaching :

- MIS Master/PhD:
 - Supply Chain Management: Emerging topics and Research, MIS Master elective course, 2022)
 - Advance Quantitative Analysis, MIS PhD core course, 2020, 2021
- MIS Master/Bachelor:
 - Business Process Models, MIS Master Core Course, 2019, 2020, 2021
- Bachelor: Data Analysis and Programming Design, 2019, 2020, 2021
- DBA: Smart Digital Transformation, DBA core course, co-teach with three faculty members, 2020, 2021
- EMBA: Operations and Service Process Analytics, EMBA elective course, 2021, 2022
- IMBA:
 - Business Quantitative Models, IMBA core course, co-teach with another faculty member, 2019, 2020
 - Supply Chain Management, 2019

Service :

- Director of the Center for Supply Chain Management) 2019-present
- MOST grant Management II/ Industrial Engineering Review panel member, 2021