

Tan (Suparerk) Lekwijit

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(Updated on January 27, 2026)

ACADEMIC APPOINTMENTS

Arizona State University, Tempe, AZ

2021–Present

W. P. Carey School of Business, Department of Information Systems

Assistant Professor

EDUCATION

University of Pennsylvania, Philadelphia, PA

2016–2021

The Wharton School, Operations, Information, and Decisions Department

Ph.D., Operations, Information, and Decisions

Columbia University, New York, NY

2014–2015

Columbia Engineering, Department of Industrial Engineering and Operations Research

Columbia Business School, Decision, Risk, and Operations Division

M.S., Management Science and Engineering

Chulalongkorn University, Bangkok, Thailand

2009–2013

School of Engineering, Department of Industrial Engineering

B.Eng. (First Class Honors), Industrial Engineering

RESEARCH INTERESTS

Connected Healthcare and Telehealth, Health Information Technology, Healthcare Operations Management, Empirical Operations Management, Consumer Behavior and Behavioral Economics

PUBLISHED WORK

S. Lekwijit, C. Terwiesch, D. A. Asch, K. G. Volpp (2023). “Evaluating the Efficacy of Connected Healthcare: An Empirical Examination of Patient Engagement Approaches and Their Impact on Readmission”. *Management Science* 70(6):3417-3446.

S. Lekwijit, C. W. Chan, L. V. Green, V. Liu, G. J. Escobar (2020). “The Impact of Step-Down Unit Care on Patient Outcomes After ICU Discharge”. *Critical Care Explorations* 2(5).

C. W. Chan, L. V. Green, **S. Lekwijit**, L. Lu, G. J. Escobar (2019). “Assessing the Impact of Service Intensity on Customers: An Empirical Investigation of Hospital Step-Down Units”. *Management Science* 65(2):751-775.

S. Lekwijit, D. Sutivong (2018). “Optimizing the Liquidity Parameter of Logarithmic Market Scoring Rules Prediction Markets”. *Journal of Modelling in Management* 13(3):736-754.

WORKING PAPERS

S. Lekwijit, H. Song, C. Terwiesch, K. Chaiyachati. “Multi-Channel Healthcare Operations: The Impact of Video Visits on the Usage of In-Person Care”. Minor Revision, *Management Science*.

- Recipient of the Mack Institute for Innovation Management Research Fellowship

K. Rhee, X. Liu, **S. Lekwijit**, P-Y. Chen. “Toward Equitable Care Access: The Impact of Telehealth Adoption in Safety-Net Health Centers”. Major Revision (2nd round), *Information Systems Research*.

- Conference paper at the Workshop on Information Systems and Economics (WISE) 2022

K. Rhee, **S. Lekwijit**, X. Liu, P-Y. Chen. “The Impact of Telehealth on In-Person Provider Workload”. In preparation for submission to *Management Science*.

WORK IN PROGRESS

T. Ware, **S. Lekwijit**, C. Makridis. “The Social Value of Surgeon-Robot Congruence: Evaluating the Impact of Robotic-Assisted Surgery on Equity and Certainty in Surgical Outcomes”.

C. Crane, X. Liu, **S. Lekwijit**. “The Effect of Telemedicine Utilization on Patients with Chronic Conditions: An Analysis on Medication Adherence”.

S. Lekwijit, H. Song, C. Terwiesch, J. Hollander. “The Impact of Physicians’ Video Visit Adoption on Physician Productivity”.

- Recipient of the Mack Institute for Innovation Management Research Fellowship

SELECTED CONFERENCE TALKS

Multi-Channel Healthcare Operations: The Impact of Video Visits on the Usage of In-Person Care

- INFORMS Annual Meeting 2025, Atlanta, GA
- INFORMS Annual Meeting 2024, Seattle, WA
- POMS Annual Conference 2024, Minneapolis, MN
- INFORMS Annual Meeting 2023, Phoenix, AZ
- POMS Annual Conference 2023, Orlando, FL
- POMS Annual Conference 2022, virtual
- INFORMS Annual Meeting 2021, Anaheim, CA

Evaluating the Efficacy of Connected Healthcare: An Empirical Examination of Patient Engagement Approaches and Their Impact on Readmission

- POMS Annual Conference 2021, virtual
- INFORMS Annual Meeting 2020, virtual
- Kellogg-Wharton OM Workshop 2020, virtual
- INFORMS Annual Meeting 2019, Seattle, WA
- Wharton Empirical Workshop in Operations Management 2019, Philadelphia, PA
- INFORMS Healthcare 2019, Cambridge, MA
- INFORMS Annual Meeting 2018, Phoenix, AZ

SCHOLARSHIPS AND AWARDS

W. P. Carey Dean's List for Teaching Impact	2025
Department of Information Systems Outstanding Teaching Award	2023
Mack Institute for Innovation Management Research Fellowship	2020
Paul R. Kleindorfer Scholar Award	2020
• Awarded annually to the Operations, Information, and Decisions doctoral student who is making the most outstanding progress towards the completion of their dissertation	
Wharton Doctoral Programs George James Travel Award	2019
Wharton Doctoral Fellowship	2016–2021
Frydman Graduate Fellowship	2015
• Awarded to graduate students in the Department of Industrial Engineering and Operations Research at Columbia University who excel academically	
King Ananda Mahidol Scholarship	2013

RESEARCH EXPERIENCE

Columbia Business School , Decision, Risk, and Operations Division, <i>Research Assistant</i>	2015–2016
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TEACHING EXPERIENCE

Arizona State University

- *Introduction to Business Data Analytics*, Undergraduate Core Instructor, Fall 2021 & 2022, Spring 2023, Fall 2024, Spring 2025, Fall 2025

University of Pennsylvania

- *Prescriptive Analytics: Making Business Decisions Using Optimization and Simulation*, Pre-Baccalaureate Program Instructor, Spring & Summer 2021
- *Quality and Productivity*, Executive MBA Program Teaching Assistant, Spring 2021
- *Quality and Productivity*, MBA Program Teaching Assistant, Fall 2020
- *Operations Strategy*, Executive MBA Program Teaching Assistant, Spring 2019 & 2020
- *Operations Strategy*, MBA Program Teaching Assistant, Fall 2018 & 2019
- *Introduction to Operations, Information, and Decisions*, Undergraduate Program Teaching Assistant, Fall 2017 & 2018

OTHER PROFESSIONAL EXPERIENCE

Bill & Melinda Gates Foundation , <i>Part-Time Consultant</i>	2014–2015
BTQ Financial , <i>Part-Time Consultant</i>	2014–2015
Accenture , <i>Analyst, Operations Excellence Practice</i>	2013
Procter & Gamble , <i>Process Improvement Engineer</i>	2012

SERVICE

Journal Referee Service: *Management Science*, *Manufacturing & Service Operations Management (MSOM)*, *Production and Operations Management (POM)*, *Information Systems Research (ISR)*
Conference Referee Service: *MSOM Healthcare OM SIG* (2023-Present), *ICIS* (2024), *Health Information Technology Symposium* (2024), *CIST* (2023-Present), *Pierskalla Paper Competition by INFORMS Health Applications Society* (2025)

Faculty Advisor, Southeast Asian Students Connection, Arizona State University	2025–Present
Tenure-Track Recruiting Committee Member, W. P. Carey School of Business	2025–Present

BDA Curriculum Committee Member, W. P. Carey School of Business	<i>2024-Present</i>
PhD Program Committee Member, W. P. Carey School of Business	<i>2022-2025</i>
Department Personnel Advisory Team Member, W. P. Carey School of Business	<i>2024-2025</i>
Brown Bag Research Seminar Committee Member, W. P. Carey School of Business	<i>2023-2024</i>
Research Workshop Committee Member, W. P. Carey School of Business	<i>2021-2022</i>
Organizer of Department PhD Student Seminar, The Wharton School	<i>2018-2019</i>
Organizer of Operations Management Journal Club, The Wharton School	<i>2018</i>
PhD Social Chair of Operations, Information, and Decisions Department, The Wharton School	<i>2018</i>
Project Organizing Committee Member, International Economic and Commercial Sciences Students Association (AIESEC)	<i>2012-2013</i>
Class President, Department of Industrial Engineering, Chulalongkorn University	<i>2011-2013</i>

REFERENCES

Available upon request.