

# Tan (Suparerk) Lekwijit

tan.lekwijit@asu.edu

BAC 682, 400 E Lemon St., Tempe, AZ 85281

Website: <https://tanlekwijit.com>

(Updated on July 30, 2024)

## ACADEMIC APPOINTMENTS

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**Arizona State University, Tempe, AZ**

2021–Present

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

*Assistant Professor*

## EDUCATION

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**University of Pennsylvania, Philadelphia, PA**

2016–2021

The Wharton School, Operations, Information, and Decisions Department

*Ph.D., Operations, Information, and Decisions*

Dissertation Advisor: Dr. Christian Terwiesch

**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

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

## PUBLISHED WORK

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**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

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**S. Lekwijit**, H. Song, C. Terwiesch, K. Chaiyachati. “Multi-Channel Healthcare Operations: The Impact of Video Visits on the Usage of In-Person Care”. Under 2<sup>nd</sup>-round 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”. Under 1<sup>st</sup>-round revision, *Information Systems Research*.

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

## WORK IN PROGRESS

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K. Rhee, **S. Lekwijit**, X. Liu, P-Y. Chen. “The Impact of Patients’ Telehealth Adoption on In-Person Care-Seeking Behavior”.

**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

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

- 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 Systems 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

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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

**RESEARCH EXPERIENCE**

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**Columbia Business School**, Decision, Risk, and Operations Division, 2015–2016  
*Research Assistant*

**TEACHING EXPERIENCE**

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**Arizona State University**

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

**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**

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

**SERVICE**

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Journal Referee Service: *Management Science, Manufacturing & Service Operations Management (MSOM), Production and Operations Management (POM)*  
 Conference Referee Service: *MSOM Healthcare OM SIG* (2023-Present), *ICIS* (2024), *CIST* (2023-Present)

Brown Bag Research Seminar Committee Member, W. P. Carey School of Business 2023–Present  
 Ph.D. Program Committee Member, W. P. Carey School of Business 2022–2023  
 Research Workshop Committee Member, W. P. Carey School of Business 2021–2022  
 Organizer of Department PhD Student Seminar, The Wharton School 2018–2019  
 Organizer of Operations Management Journal Club, The Wharton School 2018  
 PhD Social Chair of Operations, Information, and Decisions Department, The Wharton School 2018  
 Project Organizing Committee Member, International Economic and Commercial Sciences Students Association (AIESEC) 2012–2013  
 Class President, Department of Industrial Engineering, Chulalongkorn University 2011–2013

**REFERENCES**

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Available upon request.