

ANDY A. TSAY, PH.D.

Professor of Business & Analytics

Department of Information Systems and Analytics (ISA)

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Profile: <https://goo.gl/TYXFWD> Google Scholar: <https://goo.gl/bLCcor>

Media appearances: <https://goo.gl/chWizU>

EXPERTISE AND FOCUS AREAS

Dr. Andy Tsay (PhD, Stanford Business School) is Professor of Business & Analytics at Santa Clara University, teaching in SCU's graduate business programs for the working professionals of Silicon Valley. He has expertise in analytics and quantitative modeling. He studies the management of heavily outsourced global supply chains, with attention to complexity and conflicts of interest. His recent work focuses on how to make supply chains more resilient to disruptions, such as due to COVID-19 or geopolitical events.

ACADEMIC POSITIONS

2014-present **PROFESSOR** (Assistant Professor from 1995, Associate Professor from 2002)
Leavey School of Business, Santa Clara University, Santa Clara, CA

- More than 40 professional publications
- More than 50 appearances in global broadcast and print media, such as *The New York Times*, *San Francisco Chronicle*, ABC News, CBS News, NBC News, Voice of America, China Central Television (CCTV), China Radio International (CRI), and *China Daily*
- Consulted for large firms, startups, and new-venture incubators/accelerators in Silicon Valley and China
- Eight-time recipient of *Dean's Extraordinary Faculty Award for Teaching, Research, & Service*
- Two-time recipient of *Breetwor Fellowship*: awarded to tenured faculty members who have "distinguished themselves as teaching scholars and are making notable service contributions to the School, the University, and the profession"
- *Dean Witter Foundation Fellowship*: awarded to junior professors deemed to be "promising teaching scholars"

Research highlights:

- *University Award for Sustained Excellence in Scholarship* (2020): this is the highest award given by Santa Clara University for research work, to one recipient per year; the university has almost 600 full-time faculty, organized into 45 departments; the last win by a member of my department was in 1998
- Publications cited more than 8000 times, with *h-index*=22 and *i10-index*=26 (Google Scholar)
- Lead author of two of the Top Ten Most Cited articles in the first 20 years of the

top-tier journal *Manufacturing & Service Operations Management* (out of 655 total, reported Jan 2020 at <https://pubsonline.informs.org/doi/10.1287/msom.2019.0798>); one of only two researchers on the list more than once, and the only one with multiple lead authorships

- *Emerald Management Reviews Citations of Excellence Award* (2012): awarded to only 50 articles annually for impact as evaluated 3 years post-publication; competition pool consisted of the ~15,000 articles published in 2008 in 300 top management journals across all business specialties
- *Dean's Extraordinary Research Award*: received 9 times

Teaching highlights:

- *Wickham Skinner Award for Teaching Innovation* (2007), Productions & Operations Management Society (POMS): one award given worldwide annually
- *Dean's Extraordinary Teaching Award*: received 18 times
- *Teaching Excellence Award* (2023), Executive MBA Program of Santa Clara University
- *"Open Classroom" Professor* (2006-present): one of 8 in entire university (and the only business professor) appointed by Provost's Office to mentor other faculty in teaching

Service highlights:

- *Outstanding Senior Editor of the Production & Operations Management journal* (2015): ten awardees selected annually from out of over 200 active Senior Editors
- *Dean's Extraordinary Service Award*: received 16 times
- *Leavey Impact Award for Service* (2014): one award given school-wide annually for exemplary contributions over the past 5 years
- *Business School Award for Service to the Community* (2002): one award given school-wide annually
- *Business School Award for Enhancing Students' Career Development* (2002): one award given school-wide annually
- *Outstanding New Educational Program* (2001): one award given university-wide annually
- *Outstanding Faculty Advisor of a Student Organization* (2000): no other business professor received this student-nominated, university-wide award in its 18-yr history
- *Outstanding Undergraduate Business Student Association Award* (2000): one award given school-wide annually

2010-
2017

DEPARTMENT CHAIR, *Operations Management & Information Systems*
(renamed *Information Systems & Analytics* in 2018)

Leavey School of Business, Santa Clara University, Santa Clara, CA. Managed strategic direction, curriculum, faculty/staff hiring and performance, scheduling, and budget for one of 6 academic departments in a leading business school.

- 16-20 tenure-stream faculty, several dozen adjunct faculty, 1 administrative

assistant

- Presence in Executive MBA, MBA, specialized MS programs (Business Analytics; Information Systems; Supply Chain Management & Analytics), and undergraduate programs
- Undergraduate major (Management Information Systems), undergraduate joint-major (Accounting & Information Systems), two undergraduate minors (Business Analytics; Management Information Systems)
- 140+ course sections delivered per year

2006-
present

VISITING PROFESSOR

National School of Development, Peking University, Beijing, China. .

- *2004-2007 Teaching Excellence Award*, Beijing International MBA (BiMBA) program (a joint venture between Peking University and a consortium of 30 Jesuit universities)

2008-
present

SENIOR EDITOR (focus: *Supply Chain Management*)

***Production & Operations Management*, published by the Production & Operations Management Society (POMS).** This is an A-level journal that *Business Week* (20 total journals), *Financial Times* (50 total journals), and *UT Dallas Business School Research Rankings* (24 total journals) count in their influential rankings of business schools.

- *Outstanding Senior Editor Award (2015)*: ten awardees selected annually from out of more than 200 active Senior Editors

2013-
present

ASSOCIATE EDITOR

***Decision Sciences*, published by the Decision Sciences Institute (DSI).**

2002-
2010

ASSOCIATE EDITOR (focus: *Operations & Supply Chain Management*)

***Management Science*, published by the Institute for Operations Research and the Management Sciences (INFORMS).** This is the elite journal in management science, which *Business Week* (20 total journals), *Financial Times* (50 total journals), and *UT Dallas Business School Research Rankings* (24 total journals) count in their influential rankings of business schools.

2005-
2009

AREA EDITOR (focus: *Scheduling & Logistics*)

***IIE Transactions*, published by the Institute of Industrial Engineers (IIE).** I also previously served on this journal's editorial review board from 2001-2005 (the maximum allowed number of 2-year terms). In 2016 the organization name changed to "Institute of Industrial and Systems Engineers (IISE)" and the journal name became *IISE Transactions*.

2000-
2006

EDITORIAL REVIEW BOARD MEMBER

***Manufacturing & Service Operations Management*, published by INFORMS.** This is the premier research journal for the analytics of operations management, which *Financial Times* (50 total journals) and *UT Dallas Business School Research Rankings* (24 total journals) count in their influential rankings of business schools.

1995-
present

SENIOR RESEARCH FELLOW

Value Chain Innovation Initiative, Stanford University, Stanford, CA

EDUCATION

Ph.D., Business (emphasis: *Operations, Information and Technology*)

GRADUATE SCHOOL OF BUSINESS, STANFORD UNIVERSITY, Stanford, CA

Performance highlights:

- Highest score in department on both the 1st-year and 2nd-year qualifying exams
- First in cohort to complete dissertation and graduate

Dissertation: *Supply Chain Control with Quantity Flexibility*

Advisory Committee: Hau L. Lee, William S. Lovejoy, Seungjin Whang

Oral Defense Committee: David Baron, J. Michael Harrison, Warren Hausman, Seungjin Whang, Robert Wilson (2020 Nobel Prize in Economics)

M.S., Engineering (emphasis: *Engineering-Economic Systems*, now called *Management Science and Engineering*)

STANFORD UNIVERSITY, Stanford, CA

Performance highlights:

- *Schlumberger Well Services National Engineering Fellowship* (a competitive award providing full scholarship + stipend)

Master's Thesis: *Just-In-Time Manufacturing Strategies For U.S. Industry: Methods, Models and Implications for Competitive Advantage*

B.S. with Departmental Distinction, Mathematical & Computational Science (now called *Data Science*)

STANFORD UNIVERSITY, Stanford, CA

Performance highlights:

- *Phi Beta Kappa* (national academic honor society)
- *President's Award for Academic Excellence in Freshman Year*
- Nominee, *Boothe Prize for Excellence in First-Year Writing*