

ZHE DENG

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Philadelphia, PA 19122
deng@temple.edu

EDUCATION

- August 2016 **TEMPLE UNIVERSITY** **PHILADELPHIA, PENNSYLVANIA**
Ph.D. Student in Management Information Systems
Fox School of Business
- August 2012 **UNIVERSITY OF FLORIDA** **GAINESVILLE, FLORIDA**
Master of Science in Information Systems & Operations Management
The Hough Graduate School of Business, Warrington College of Business Administration
- August 2007 **NORTHWEST UNIVERSITY** **XI'AN, CHINA**
Bachelor of Science in Information Management & Information Systems (*Magna Cum Laude*)
School of Economics and Management

RESEARCH INTERESTS

Topics: Economics of IS (Education), Healthcare IS, Emerging Technology

Methodologies: Field Experiment, Econometrics, Machine Learning

WORKING PAPERS

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2019. From Smartphones to Smart Students: Distraction versus Learning with Mobile Devices in the Classroom and Student Success. Under review at *Management Science*.

Deng, Z., S. Ayabakan, S. Kumar, and P. A. Pavlou. 2019. Patient-sharing Network, EHR Adoption, and Patient Outcomes: An Empirical Investigation. Prepare for journal submission.

WORKING IN PROGRESS

“Unlimited Internet Use Vs. Limited Performance? A Field Experiment on Education Outcomes” (With JaeHwuen Jung, Paul A. Pavlou, and Qian Sun)

“Learning-by-teaching: The Effect of Video Production on Learning Outcomes” (With Yael Inbar, Rodrigo Belo, and Pedro Ferreira)

“Can Campus Wi-Fi Upgrade Benefit My Learning? An Empirical Study” (With JaeHwuen Jung, and Paul A. Pavlou)

“Student Mental Health Detection with Internet Use Data” (With Guohou Shan, and Konstantin Bauman)

PRESENTATIONS

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2017. Mobile Distraction in Class: An Empirical Investigation on Smartphone Use Policies. Conference on Digital Experimentation (CODE), October 27-28, 2017, Cambridge, MA

Deng, Z., S. Ayabakan, S. Kumar, and P. A. Pavlou. 2018. Physician Professional Network and Inpatient Outcomes: An Empirical Investigation. Production and Operations Management Society (POMS) Annual Conference, May 4-7, 2018, Houston, TX

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2018. Mobile Device Policy, Attention Allocation, and Student Performance: Evidence from a Video-Tracking Randomized Experiment. Statistical Conference in E-Commerce Research (SCECR), June 18-19, 2018, Rotterdam, Netherlands

Deng, Z., S. Ayabakan, S. Kumar, and P. A. Pavlou. 2018. Patient-sharing Network and Patient Outcomes: An Empirical Investigation. Conference on Health IT and Analytics (CHITA), October 19-20, 2018, Washington, D.C.

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2018. Mobile Device Policy, Attention Allocation, and Student Performance: Evidence from a Video-Tracking Randomized Experiment. Conference on Digital Experimentation (CODE), October 27-28, 2018, Cambridge, MA

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2018. Mobile Device Policy, Attention Allocation, and Student Performance: Evidence from a Video-Tracking Randomized Experiment. Conference on Information Systems and Technology (CIST), November 3-4, 2018, Phoenix, Arizona

Deng, Z., Z. Cheng, P. Ferreira, and P. A. Pavlou. 2018. Mobile Device Policy, Attention Allocation, and Student Performance: Evidence from a Video-Tracking Randomized Experiment. Workshop on Information Systems and Economics (WISE), December 17-18, 2018, San Francisco, CA

Deng, Z., Z. Cheng, **P. Ferreira**, and P. A. Pavlou. 2019. Mobile Device Policy, Attention Allocation, and Student Performance: Evidence from a Video-Tracking Randomized Experiment. Guest Speaker Seminar at University of Pittsburgh, April 19, 2019, Pittsburgh, PA

Deng, Z., **S. Ayabakan**, S. Kumar, and P. A. Pavlou. 2019. Patient-sharing Network, EHR Adoption, and Patient Outcomes: An Empirical Investigation. Production and Operations Management Society (POMS) Annual Conference, May 2-6, 2019, Washington, D.C.

Deng, Z., S. Ayabakan, S. Kumar, and P. A. Pavlou. 2019. Patient-sharing Network, EHR Adoption, and Healthcare Outcome: An Empirical Investigation Statistical Conference in E-Commerce Research (SCECR), June 10-13, 2019, Hong Kong, China

Deng, Z. 2019. Data Mining and Knowledge Discovery. MBA Seminar Series at Northwest University, June 26, 2019, Xi'an, China

Deng, Z., Z. Cheng, **P. Ferreira**, and P. A. Pavlou. 2019. From Smartphones to Smart Students: Distraction versus Learning with Mobile Devices in the Classroom and Student Success. Guest Speaker Seminar at University of California, Berkeley, October 2, 2019, Berkeley, PA

HONORS AND AWARDS

Presidential Fellowships, the most prestigious university level award for only a small cohort of competitive PhD students at Temple University, 2016

First Prize Scholarship (*Magna Cum Laude*), the most prestigious university level award at Northwest University, 2010

Outstanding Student Leaders, the highest student leader honor at university level award at Northwest University, 2009

FUNDING AND GRANTS

2016 13th Young Scholar Forum. Temple Univ. Grant, \$500

Smartphone: A Pandora's Box for Students in Class (With Z. Cheng, P. Ferreira, and P. A. Pavlou)

2017 14th Young Scholar Forum. Temple Univ. Grant, \$2500

Mobile Distraction in Class: A Video-Tracking Field Experiment (With Z. Cheng, P. Ferreira, and P. A. Pavlou)

2018 16th Young Scholar Forum. Temple Univ. Grant, \$750

Physician Social Network and Patient Outcomes: An Empirical Investigation. (With S. Ayabakan, S. Kumar, and P. A. Pavlou)

2018 17th Young Scholar Forum. Temple Univ. Grant, \$2,000

Patient-sharing Network and Patient Outcomes: An Empirical Investigation. (With S. Ayabakan, S. Kumar, and P. A. Pavlou)

SERVICES

Reviewer – MIS Quarterly 2019

Reviewer – Electronic Commerce Research and Applications (ECRA) 2019

Reviewer – International Conference on Information Systems (ICIS) 2018, 2019

Reviewer – Conference on Information Systems and Technology (CIST) 2018

Reviewer – Workshop on Information Technologies and Systems (WITS) 2019

Reviewer – European Conference on Information Systems (ECIS) 2019

External Researcher – Kooledge.com, 2018

External Researcher – Contemporary Education Technology Center (CETC), Northwest University, China, 2019

External Researcher – Nroad Net Co. Ltd., 2019

SELECTED COURSEWORK

Micro-Economics; Game Theory; Information Economics (Business Administration Core Courses);

Econometrics I, II, III, IV (Dept. of Economics, Dept. of Finance);

Statistics I, II (Dept. of Statistics);

MIS Seminars (Pro-seminar, E-commerce, Digital Innovation, Economics of IT) (Dept. of MIS)

OM Seminar (Continuous and Nonlinear Optimization Methods) (Dept. of Marketing and Supply Chain Management)

Knowledge Discover and Data Mining (Dept. of Computer and Information Sciences)

SOFTWARE / PROGRAMMING SKILLS

Econometrics Software: R, STATA

Quantitative Software: SPSS, Wolfram Mathematica, Quantitative Methods (QM), Excel

Programming Languages and Skills: C, C#, Java, Python, Visual Basic, SQL, ASP. NET, Java-WS, HTML