**Inkyu Kim**

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| Accounting and Information Systems  Eli Broad College of Business  Michigan State University  632 Bogue St., N203, East Lansing, MI 48824 | [kiminky1@broad.msu.edu](mailto:kiminky1@broad.msu.edu)  Mobile: (517) 488-4344  https://broad.msu.edu/profile/kiminky1/ |

**EDUCATION**

**Michigan State University**  May 2021 (Expected)

Ph. D. in Information Technology Management

**Yonsei University, Seoul, Korea** June 2016

M.S. in Management Information Systems

**Michigan State University** December 2013

B.A. in Supply Chain Management

**RESEARCH INTERESTS**

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| --- | --- |
| Sharing Economy  Economics of Information Systems  Business Analytics  Text Mining | Electronic Medical Records  Sequence Analysis  Affordance Network  Organizational Routines |
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**JOURNAL PUBLICATIONS**

1. Wolf, J. R., Xie, Y., Kim, I., Pentland, A. P., Frank, K., & Pentland, B. T. (2019). 619 Team Documentation Influences Clinic Complexity and Patient Satisfaction. *Journal of Investigative Dermatology*, *139*(5), S106.

**CONFERENCE PROCEEDING AND PRESENTATIONS**

1. Kim, I., Guo, C., & Susarla, A. “The Impact of Crime on the Sharing Economy: A Spatial Analysis,” *INFORMS 2019* *Annual Meeting*, Seattle, WA. (Planned)
2. Kim, I., Pentland, B.T., Wolf, J.R., Xie, Y., Frank, K., & Pentland, A.P. “Effect of Attribute Alignment on Action Sequence Variability: Evidence from Electronic Medical Records” *BPM Forum 2019,* Vienna, Austria
3. Kim, I., Guo, C., & Susarla, A. “Natural Language Processing on Online Community Forums to Predict New Product Development Efforts: A Research Framework”, *DSI 2018 Annual Meeting,* Chicago, IL
4. Pentland, B., Recker, J., & Kim, I. “Capturing Reality in Flight? Empirical Tools for Strong Process Theory”*, 38th International Conference on Information Systems (ICIS) 2017*, Seoul, Korea

**WORKING PAPERS**

1. **“Generativity and Innovation: An Affordance Network Perspective”** with Pentland, B.T., Jan, Recker., & Yoo., Y. – Under Review at *Management Information Systems Quarterly*
2. **“The Impact of Crime on the Sharing Economy: A Spatial Analysis”** with Guo, C. and Susarla, A., Preparing for submitting to *Information Systems Research*
3. **“Antecedents of Complexity in Healthcare Routines: Evidence from the EMR Audit Trail”** – Submitted to *40th International Conference on Information Systems (ICIS) 2019*
4. “**A Natural Language Processing Framework to Predict New Product Ideation from Online Community Forums**” with Guo, C. and Susarla, A., data analysis in progress.

**TEACHING INTERESTS**

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| Business Intelligence & Analytics  Data/Text Mining  Data Visualization  Database Management | Social Media Analytics  Business Process Modeling  Sequence Analysis  Management Information Systems |

**TEACHING EXPERIENCE**

**Instructor, Michigan State University**

Introduction to Business Information Systems (Undergraduate Core) Summer 2019

Introduction to Business Information Systems (Undergraduate Core) Summer 2018

**Teaching Assistant, Michigan State University**  Spring 2017 – Fall 2018

Introduction to Business Information Systems (Undergraduate Core)

Recitation Lecturer

* Business Process Modeling (Arena Simulation Software)
* Data Visualization (Microsoft Tableau)
* Database Management (Microsoft Access)

Introduction to Business Analytics (Undergraduate Level) Spring 2019

Lab Assistant

* Data Visualization (Microsoft Tableau)
* Data Analytics (R)
* Database Management (SQL)
* Social Network Analysis (Gephi)
* Web Crawling and Text Mining (Python)

Data Management and Visualization (graduate Level) Spring 2019

Lab Assistant

* Data Visualization (Microsoft Tableau)
* Data Analytics (R)
* Database Management (SQL)
* Social Network Analysis (Gephi)
* Web Crawling and Text Mining (Python)

**Teaching Assistant Coordinator**, **Michigan State University**

Introduction to Business Information Systems (Undergraduate Core) Fall 2017 – Fall 2018

* Developed Recitation Materials
* Managed 8 TAs workload (20 sections with over 1,000 students)

**Course Assistant**, **Yonsei University**

Big Data Business Model (MBA Core Course) Fall 2015 – Spring 2016

* Developed and Graded Assignments

**WORK EXPERIENCE**

**Graduate Assistant, Michigan State University** Fall 2016–Present

**Graduate Assistant, Yonsei University**  August 2014 – June 2016

**HONORS AND AWARDS**

Ph.D. Student Excellence in Teaching Department of Accounting and Information Systems, Michigan State University, 2018

Doctoral Fellowship, Department of Accounting and Information Systems, Michigan State University, 2016 – Present

**SERVICES**

**Reviewer Processor**, *International Conference on Information Systems* (ICIS) 2017, 2019

*European Conference on Information Systems* (ECIS) 2017

**SKILLS**

**Programming Languages**: Python

**Database Management:** MySQL, Microsoft Access

**Data Analysis Tools**: R, MATLAB, Stata, SmartPLS, SPSS, Tableau, Arena Simulation, Weka, GePhi

**Documentation Tools**: R Markdown, LaTeX

**GRADUATE COURSES**

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| **Information Systems Core Coursework**  Ph.D. Seminar in Information Systems  Ph.D. Seminar in Economic-Based Research  Ph.D. Seminar in Empirical Methods for Information Systems  Ph.D. Seminar in Network Analysis  **Methodology Coursework**  Data Mining  Computational Techniques for Large-Scale Data Analysis  Pattern Recognition and Analysis  Organizational Research Methods  Simulation Methods  Mathematical Applications in Economics  Microeconomic Analysis  Quantitative Methods  Probability and Statistics for Econometrics  Introduction to Econometrics  Cross Section Econometrics | Dr. Brian Pentland  Dr. Ranjani Krishnan  Dr. Chenhui Guo  Dr. Anjana Susarla    Dr. Fatme El-Moukaddem  Dr. Arend Hintze  Dr. Arun Ross  Dr. John Hollenbeck  Dr. Stanley Griffis  Dr. John Hoehn  Dr. John Hoehn  Dr. Leah Lakdawala  Dr. Jeffrey Wooldridge  Dr. Peter Schmidt  Dr. Jeffrey Wooldridge |

**CONFERENCES ATTENDANCES**

2019 INFORMS Annual Meeting 2019, Seattle, WA (Planned)

CIST 2019, Seattle, W

2018 Association for Education in Journalism and Mass Communication (AEJMC) Annual Conference 2015, San Francisco, CA

American Academy of Advertising (AAA) 2015, Chicago, IL

2017 ICIS 2017, Seoul, Korea (Planned)

NFORMS Annual Meeting 2017, Houston TX

AMCIS 2017, Boston, MA

**REFERENCES**

**Dr. Brian T. Pentland** (Dissertation Committee Chair)

The Main Street Capital Intellectual Capital Endowed Professor of Information Systems

Director of Center for Business and Social Analytics

Department of Accounting and Information Systems

Eli Broad College of Business

Michigan State University

Email: pentland@broad.msu.edu, Phone: (517) 432-2927

<https://broad.msu.edu/facultystaff/pentland/>

**Dr. Anjana Susarla**

Associate Professor of Accounting and Information Systems

Department of Accounting and Information Systems

Eli Broad College of Business

Michigan State University

Email: asusarla@broad.msu.edu, Phone: (517) 432-8350

<https://broad.msu.edu/profile/asusarla/>

**Dr. (Julian) Chenhui Guo**

Assistant Professor of Accounting and Information Systems

Department of Accounting and Information Systems

Eli Broad College of Business

Michigan State University

Email: guochen8@broad.msu.edu, Phone: (517) 432-2921

<https://broad.msu.edu/profile/guochen8/>