Kartik Krishna Ganju

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ACADEMIC EXPERIENCE

Carlson School of Mangaement, University of Minnesota   2021 – Present
Assistant Professor, IDSC

Desautels Faculty of Management, McGill University, Montreal, Canada   2016 – 2021
Assistant Professor, Information Systems

Fox School of Business and Management, Temple University, Philadelphia, USA   2012–2016
Research Assistant, Management and Information Systems

EDUCATION

Fox School of Business, Temple University, USA   2010- 2016
Ph. D. in Business Administration (Management Information Systems)
- Dissertation title: 'Unintended Consequences of the Adoption of Electronic Medical Record Systems'
- Committee Members: Paul A Pavlou (Chair, Temple University), Ritu Agarwal (Member, University of Maryland), Hilal Atasoy (Member, Temple University), Brad Greenwood (Member, Temple University)

London School of Economics and Political Science, UK *(Awarded Distinction)*   2007-2008
M.Sc. in Operational Research
- MSc Dissertation title: 'Modelling the Conversion Rate and Future Value for Prospective and Active Customers and the Business Implications of these Models'

Sri Venkateswara College, Delhi University, India (*First Division)*   2004-2007
B.Sc. (Hons.), Statistics

RESEARCH INTERESTS

My research examines the impact of Information Technology on healthcare. I use quantitative methods to identify how the introduction of technology in hospitals can impact healthcare cost, labor, and racial disparities. I am currently studying how technology has been utilized during the COVID-19 pandemic to provide healthcare (via telemedicine), and disparities this may create. One of my current projects examines how work from home negatively influences female physicians by forcing them to juggle their familial and professional responsibilities.

JOURNAL PUBLICATIONS (AND INVITED REVISIONS)

1. Kartik K. Ganju, Hilal Atasoy and Paul A. Pavlou "Does the Adoption of Electronic Medical Record Systems Inflate Medicare Reimbursements?" *Management Science(Forthcoming)*

2. Kartik K. Ganju, Hilal Atasoy, Brad Greenwood and Jeff McCullough "The Role of Decision Support Systems in Attenuating Racial Biases in Healthcare Delivery" *Management Science 66(11): 5171-5181*
   - Selected as part of the Virtual Special Issue on *Diversity, Equity, and Inclusion*
   - Shortlisted for the NIHCM Annual Research Award
   - Finalist for the 2021 Responsible Research in Management award

3. Brad Greenwood, Kartik K. Ganju, Corey Angst (2019) "How Does the Implementation of Enterprise Information Systems Affect a Professional's Mobility? An Empirical Study" *Information Systems Research* 30(2): 563-594.
   - 2017 Academy of Management Best Paper Proceedings, TIM Division

4. Hilal Atasoy, Pei-Yu Chen, Kartik K. Ganju* (2018), "The Spillover Effects of Health Information Technology Investments on Regional Health Care Costs," *Management Science* 64(6): 2515-2534.
   - Selected as Featured Article in Management Science

5. Kartik K. Ganju, Paul A. Pavlou, Rajiv Banker (2016), "Does Information and Communication Technology Lead to the Well-Being of Nations? A Country-Level Empirical Investigation," *MIS Quarterly* 40(2): 417-430.

6. Kartik K. Ganju, Hilal Atasoy and Paul A. Pavlou "Where to, Doc?" Electronic Health Record Systems and Patient Mobility" *(Revision Requested)*

WORKING PAPERS

1. Kartik K. Ganju, Jui Ramaprasad and Tanya Singh. "Can Programming Bias your Moral Judgment?"
   - *Manuscript under preparation (Management Science)*
   - *Best paper award nominee WISE 2020*
   - *Draft Available upon Request*

2. Jeff McCullough, Kartik K. Ganju "Can the Utilization of Telemedicine during the COVID pandemic overcome Socio-Economic Inequities in Healthcare"
   - *Manuscript under preparation (Management Science).*
   - *Draft Available upon Request*

3. Kartik K. Ganju and Jeff McCullough, "Are Mothers Negatively Impacted when Working from Home? Evidence from the COVID-19 Pandemic"
   - *Data Analysis Stage (Management Science). Target Submission: June 2021*

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* Authors listed alphabetically to indicate equal contribution.

4. Sai Gorthi, Kartik Ganju and Alain Pinsonneault, "Price Targeting in Online Advertisements: Does Your Mobile Device Affect the Prices Shown to You?"
   - *Data Analysis Stage (Management Science). Target Submission: December 2021*

CONFERENCE PRESENTATIONS AND INVITED TALKS

1. "Can Programming Tasks Bias your Ethical Judgement?" with Jui Ramaprasad and Tanya Singh. *Accepted at CODE 2019, WCBA 2020, WISE 2020*
   - *Best paper nominee WISE 2020*

2. "Can the Utilization of Telemedicine during the COVID pandemic overcome Socio-Economic Inequities in Healthcare?" with Jeff McCullough. *Accepted at CHITA 2020*

3. "The Role of Decision Support Systems in Attenuating Racial Biases in Healthcare Delivery" with Hilal Atasoy and Jeff McCullough. *Accepted at CHITA 2018, SCECR 2019, WISE 2019*

4. "Where to, Doc?" Electronic Health Record Systems and Patient Mobility" With Hilal Atasoy and Paul A. Pavlou. *Accepted at CIST 2018 and CHITA 2018*

5. "The Impact of Online Platforms on Labor Markets" with Genevieve Bassellier. *Proceedings of the 38th International Conference on Information Systems (ICIS)*, Seoul, Korea 2017.

6. "Just What the Doctor Ordered? Physician Mobility after the Adoption of Electronic Health Records" with Brad Greenwood and Corey Angst. *Accepted at Workshop on Health IT and Economics (WHITE), Washington DC USA 2016* (Version presented at WISE 2016, INFORMS 2016, CODE 2016)

7. "Does the Adoption of Electronic Health Records Systems Inflate Medicare Reimbursements?" with Hilal Ataosy and Paul A. Pavlou. *Proceedings of the 36th International Conference on Information Systems (ICIS)*, Fort Worth USA, 2015. (Version also presented at WHITE 2015, INFORMS 2016, SCECR 2016)

8. "Antecedents of Health IT Roll Back" with Hilal Atasoy, Paul A. Pavlou and Pei-Yu Chen *Proceedings of the 35th International Conference on Information Systems (ICIS)*, Auckland, New Zealand, 2014. (Version also presented at CIST 2016, INFORMS 2016, WHITE 2014, SCECR 2015)

9. "The Spillover Effects of Information Technology on Cost of Hospitals" with Hilal Atasoy and Pei-Yu Chen. *Proceedings of the 22nd European Conference on Information Systems (ECIS)*, Tel Aviv, Israel 2014. (Version also presented at WHITE 2014)

10. "Does Information and Communication Technology lead to Well-Being?" with Paul A. Pavlou and Rajiv Banker. *Proceedings of the 34th International Conference on Information Systems (ICIS)*, Milan, Italy, 2013. (Version also presented at AMCIS 2012)

INVITED TALKS:
1. National Institute of Public Finance and Policy (Delhi), December 2019
2. IIT Delhi, December 2019
3. University of Minnesota, May 2019
4. McGill ENT Grand Rounds, February 2019
5. Temple University, February 2018
6. New York University, February 2016
7. McGill University, February 2016
8. Indian School of Business, December 2015
9. George Washington University, November 2015
10. Fox Chase Cancer Centre, June 2015

RESEARCH GRANTS

1. Internal SSHRC Grant, McGill University $5000 (2020) (Sole Investigator)
2. SSHRC Insight Development Grant, $66,768 (2019) (Sole Investigator)
   - 1st rank in business, management and related fields group
3. Internal SSHRC Grant, McGill University $5000 (2018) (Sole Investigator)
4. Recipient, Paper Presentation Grant, McGill University for travel to CIST/INFORMS 2016 in Nashville, TN $1500 (2016) (Sole Investigator)
5. 10th Young Scholars Interdisciplinary Forum, Temple University (Awarded $750)
6. 10th Young Scholars Interdisciplinary Forum, Temple University (Awarded $1000 with Hilal Atasoy and Pei-Yu Chen)
7. 8th Young Scholars Interdisciplinary Forum, Temple University (Awarded $750 with Hilal Atasoy and Paul Pavlou)
8. 7th Young Scholars Interdisciplinary Forum, Temple University (Awarded $1500 with Sunil Wattal)
9. 6th Young Scholars Interdisciplinary Forum, Temple University (Awarded $1000 with Pei-Yu Chen)

AWARDS & RECOGNITION

1. Gordon B. Davis Young Scholar Award 2021
2. 2020-21 Desautels MMA Teaching Award
3. Best Dissertation Award from the Fox School of Business, Temple University (2016)
4. Doctoral Consortium Invitee at American Conference on Information Systems (AMCIS 2015), Workshop on Health IT and Economics (WHITE 2015) and International Conference on Information Systems 2015)
5. Young Researcher award, WHITE 2014
6. Dean's Outstanding Publication Award (Temple University) (2015)
7. Placed 1st in category at Annual PhD program Competition at Temple University (2014, 2015)
8. University Fellowship (Temple University) (2010-2012)
9. Awarded full academic scholarship for Masters (London School of Economics) (2007) (£18,736)
10. Bharat Petroleum Scholarship for Higher Studies (2007) (£1,200)

SERVICE

1. Conference co-chair SCECR 2020, SCECR 2021
2. Associate Editor at the International Conference on Information Systems (2020) – Sharing Economy, Platforms and Crowds
3. Associate Editor at the International Conference on Information Systems (2019) – Economics and IS
4. Organizer of Poster session at CIST 2016
5. Program committee at CIST 2016 - 2020
6. Ad-hoc reviewer for Management Science (15), Information Systems Research (33), MIS Quarterly (6), PLOS One, Research Policy, International Journal of Electronic Healthcare, Socio-Economic Planning Sciences, CIST, AMCIS, ICIS, ECIS and AOM
7. MGCR 331 redesign, Information Systems representative on MBA Taskforce, Specialized Master's Committee, Business Analytics Committee, BCom core redesign

TEACHING EXPERIENCE

Semester	Class	Level	Response rate	Average Score (out of 5)
Summer 2020	Data Coding for Analytics (INSY 660)	Masters of Analytics	38/51	4.8
Fall 2019	Data Coding for Analytics (INSY 691)	MBA	18/24	4.5
Fall 2019	Data Coding for Analytics (INSY 336)	UG	32/50	4.6
Summer 2019	Data Coding for Analytics (INSY 660)	Masters of Analytics	34/55	4.3
Fall 2018	Data Coding for Analytics (INSY 691)	MBA	9/15	3.6
Fall 2018	Data Coding for Analytics (INSY 336)	UG	25/48	4.3
Fall 2018	Data Coding for Analytics (INSY 336)	UG	27/48	4.4
Summer 2018	Data Coding for Analytics (INSY 660)	Masters of Analytics	24/35	4.5
Fall 2017	Data Coding for Analytics (INSY 691)	MBA	11/14	4.8
Fall 2017	Data Coding for Analytics (INSY 336)	UG	22/43	4.5
Fall 2017	Data Coding for Analytics (INSY 336)	UG	18/44	4.4
Fall 2016	Intro to IS (MGCR 331)	UG	47/78	3.8
Fall 2016	Intro to IS (MGCR 331)	UG	44/80	3.9

Topics covered in INSY 336 and INSY 691 include an introduction to programming in Python and MySQL. INSY 660 provides an introduction to programming in Python and R.

MEDIA MENTIONS

MD Magazine, EHR Intelligence, Health News Digest, Pharmacy Choice, Medical Express, Clinical Innovation and Technology, Healthcare Informatics, Becker's Hospital Review, Medical Net

SKILLS

Advanced knowledge of Python, R, MySQL, SAS, Stata, SPSS, MATLAB, AIMMS, C/C++, SQL, Latex and Simul8.

Proficient in UNIX Command line and Hadoop.
Fluent in Hindi

NON-ACADEMIC EXPERIENCE

TERI (*The Energy and Resources Institute)*, New Delhi, India   2008 –2010
Research Associate, Energy and Environment Policy Division

REFERENCES

Dr. Paul Pavlou   **pavlou@bauer.uh.edu**   713.743.4600
Dean and Cullen Distinguished Chair
Melcher Hall, University of Houston
Houston, TX 77204

Dr. Ritu Agarwal   **ragarwal@rhsmith.umd.edu**   301.405.3121
Distinguished University Professor,
Robert H. Smith Dean's Chair of Information Systems
4327 Van Munching Hall University of Maryland,
College Park College Park, MD 20742

Dr. Brad Greenwood   **bgreenwo@gmu.edu**   703.993.1880
Associate Professor of Information Systems
George Mason University, School of Business
4400 University Drive, Fairfax, VA 22030