



BALARAMAN RAJAN
Associate Professor (Management)

Address Valley Business & Technology

Ph: 510-885-2601

E-mail

- Balaraman Rajan and Abraham Seidmann, Scheduling patients by improving on the Open Access Policy (OAP) in the family medicine clinic.
- Telemedicine for patients suffering from Migraine with Dr. Deborah Friedman, Professor, Neurology & Neurotherapeutics and Ophthalmology, University of Texas Southwestern Medical Center.

CONFERENCE PUBLICATIONS

- Balaraman Rajan and Sal Agnihotri, Operational Impact of mHealth Adoption in Clinical Practice, *Hawaii International Conference on System Sciences (HICSS-52)*, 2019.
- Balaraman Rajan, Abraham Seidmann and Deborah Friedman, Managing Migraine via Telemedicine: Clinical Effectiveness and Process Implications, *Hawaii International Conference on System Sciences (HICSS-50)*, 2017.
- Balaraman Rajan and Abraham Seidmann, Improving Open Access Policy for Scheduling Outpatient Appointments, *Hawaii International Conference on System Sciences (HICSS-49)*, 2016.
- Balaraman Rajan, Abraham Seidmann and Rajeev Ramchandran, Teleophthalmology for Diabetic Patients: Saving Vision through IT, *Hawaii International Conference on System Sciences (HICSS-47)*, 2014.
- Balaraman Rajan, Abraham Seidmann and Ray Dorsey, Optimizing Physician Processing Rates with Priority Queues, *Hawaii International Conference on System Sciences (HICSS-46)*, 2013.
- Balaraman Rajan, Abraham Seidmann, Ray Dorsey, Kevin Biglan and Jason Reminick, Analyzing the Clinical and Competitive Impact of Telemedicine – Experience with Treating Parkinson Disease Patients via Telemedicine, *Hawaii International Conference on System Sciences (HICSS-44)*, 2011.

CONFERENCE PRESENTATIONS & TALKS

- Balaraman Rajan, Arvind Sainathan, Sal Agnihotri, and Leon Cui, Viability of mHealth for chronic disease management under various payment systems, *POMS 2021*
- Dinesh R Pai and Balaraman Rajan, Can Health Information Technology Deliver on Their Promise? The case of Pennsylvania Hospitals, *INFORMS Seattle 2019*
- Balaraman Rajan and Sal Agnihotri, Operational Impact of mHealth Adoption in Clinical Practice, *Hawaii International Conference on System Sciences (HICSS-52)*, 2019.
- Balaraman Rajan, Abraham Seidmann and Deborah Friedman, Telemedicine for Migraine Management: Empirical Investigation, *CIST Phoenix*, 2018.
- Balaraman Rajan and Surendra Sarnikar, Optimal Staffing and Routing for Patient Alarm System, *DSI Washington D.C.*, 2017
- Balaraman Rajan and Vish Hegde, Healthcare Supply Chain vs. Traditional Supply Chains: A Comparative Analysis, *INFORMS Houston*, 2017
- Balaraman Rajan and N Ravichandran, Case Study: Challenges in Assembly Line Design, *INFORMS Houston*, 2017
- Balaraman Rajan, Abraham Seidmann and Deborah Friedman, Managing Migraine via Telemedicine: Clinical Effectiveness and Process Implications, *Hawaii International Conference on System Sciences (HICSS-50)*

- Balaraman Rajan, Abraham Seidmann and Deborah Friedman, Telemedicine for Migraine Management: Interim Study Results, *POMS Orlando*, 2016.
- Balaraman Rajan, Role of Telemedicine in Continuous Care and Disease Management, *DSI Seattle*, 2015
- Balaraman Rajan and N Ravichandran, Tactical Decisions @ Vastrapur Car Rental Services, *INFORMS Philadelphia*, 2015
- Balaraman Rajan, Tolga Tezcan and Abraham Seidmann, Service Decisions with customer heterogeneity, *INFORMS Philadelphia*, 2015.
- Balaraman Rajan and Abraham Seidmann, Improving Open Access Policy for Scheduling Outpatient Appointments, *Hawaii International Conference on System Sciences (HICSS-49)*, 2016.
- Balaraman Rajan, Tolga Tezcan and Abraham Seidmann, Optimal allocation of Physician's Time when Patient Utility is Heterogeneous, *INFORMS San Francisco*, 2014 and *INFORMS Healthcare Nashville*, 2015
- Balaraman Rajan, Abraham Seidmann and Rajeev Ramchandran, Teleophthalmology for Diabetic Patients: Saving Vision through IT, *Hawaii International Conference on System Sciences (HICSS-47)*, 2014.
- Balaraman Rajan, Abraham Seidmann and Ray Dorsey, Optimizing Physician Processing Rates with Priority Queues, *Hawaii International Conference on System Sciences (HICSS-46)*, 2013.
- Balaraman Rajan, Abraham Seidmann, Ray Dorsey, Kevin Biglan and Jason Reminick,



- Data Analysis and Decision Modeling for graduate students (2016-19)
- Data Mining for graduate students (2019-)
- Quantitative Fundamentals for graduate students (2019-)
- Decision Sciences for undergraduate students (2014-19)
- Operations and Supply Chain Management for graduate students (2017-18)
- Service Operations Management for graduate students (2018-)
- Global Supply Chain Management and Sustainability for graduate students (2018-19)
- Quality and Lean Management for graduate students (2019-)
- Healthcare Operations Management for undergraduate students (2019-)

0 (20 EM-7-02/180041(s)-1 (t) 3 ((b (M)-1190E78-217)TJ C2-019)TJ (8)TJ : (a)4 (du)TJ 5,97 0 Td(a)4(t)-2 (e)4 (s)-1 (t) (or)32 (ude)-604 (l

