

WANTED: INDUSTRIAL ENGINEERS IN HEALTHCARE

Healthcare and Industrial Engineering is a match made in heaven. Healthcare is an inefficient and very large industry just starting to realize the potential of engineered improvements. As an engineer you have the tools and capabilities to address the problems of waste and poorly designed systems. IE jobs have become plentiful because hospitals and clinics realize that they need your type of help. Clinical systems are complex and benefit from methods such as operations research, simulation and data analysis. Lean and Six Sigma have just become widespread. Research opportunities in healthcare are represented by numerous worldwide conferences and journals.

Learn more about this field in the upcoming program.

WEDNESDAY, NOVEMBER 11, 2015

2:00 PM – 3:00 PM Hughes Aircraft Electrical Engineering (EEB) Rm132
(Refreshments will be served after)



David Belson, Ph.D.

Adjunct Professor & Sr. Researcher
Epstein Department of Industrial & Systems Engineering
University of Southern California

David Belson has been working with hospitals, clinics and other healthcare organizations full time for the past 15 years. He is currently working for Children's Hospital of L.A., LA County + USC General Hospital, the California Hospital Association and the US Veteran's Administration. He teaches at USC and has assisted over 25 hospitals to improve their productivity and quality. The graduates from his class focus on improving healthcare operations work at many local and distant hospital systems. David Belson has a PhD from the Epstein Department of Industrial and Systems Engineering at USC.

Michelle Taveras Ponce has been working in healthcare operations improvement for large Academic Medical Centers for over 15 years. She currently works for Keck Medicine of USC as an Associate Administrator of Access and Patient Logistics. She focuses her research on improving access to healthcare, patient safety, and employee engagement. She is an active member of the professional organizations HFMA and ACHE. Michelle Taveras has a PhD from the University of Miami.



Michelle Taveras Ponce, Ph.D.
Associate Administrator for Access &
Patient Logistics
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