Young Professional Early Career Development Webinar

November 9th, 2017

Young/Early Career Professionals Committee
What we will cover today

1. SHS Young Professional Committee
2. HSPI 2018 Conference
3. Learning to be an Industrial Engineer in Healthcare
   • Process Improvement Engineering in a Hospital
   • Healthcare Consulting
   • Healthcare Analytics
SHS YP Committee

- The purpose of the SHS YP (Young Professionals) Committee is to connect early-career industrial engineers working in the healthcare industry
  - Monthly Committee Meetings
    - Idea Sharing
    - Member Spotlight
    - Work on Goals
  - Social Event at HSPI Conferences
2017-2018 SHS YP Committee SMART Goals

1. Continue to work with the board/IISE headquarters to align SHS membership rate with IISE membership rate discounts for 1st year professional members
2. Recruit 8 more SHS members who are young professionals to the committee
3. Increase participation by at least 100% (2017 had 10 participants) in the Rawson Challenge for the 2018 conference
4. Organize one or more Young Professional/Early Career focused webinars
5. Publish bi-monthly articles in the SHS newsletter (6 total)
6. Publish 2 newsletter articles for IISE’s Young Professionals Committee
7. Promote the committee more by using social media
   - Develop a YP/EC hashtag
   - Post at least 5 times during IISE Annual
   - Post on at least 1 social media site (Twitter, LinkedIn, Instagram, Facebook) once each week and tag SHS
HSPI Conference Social Events

1. Panel of YPs talked about how to move from an entry-level engineering position to a management role
   • Great opportunities for networking
   • Great opportunity for learning new healthcare engineering concepts
2. Dinner for YPs – Sponsored by Simio and the University of Louisville
   • 30 YPs attended
   • Conference was in Orlando, so a few friends showed up to surprise the group!
HSPI Conference YP Dinner
HSPI Conference YP Dinner
Introduction

- Facilitator
  - Brent Costa
    Strategic Planning Manager
    Zuckerberg San Francisco General Hospital
- Speakers
  - Jordan Aronhalt
    Dir. Process Improvement Eng.
    Southside Hospital, Northwell Health
    B.S. Industrial and Systems Engineering
  - Laura Silvoy
    Healthcare Systems Engineer
    Array Advisors
    M. Eng. Healthcare Systems Engineering
  - Tarun Mohan Lal
    Manager, Outpatient Practice Optimization
    Mayo Clinic
Jordan Aronhalt

- **Dir. Of Process Improvement Eng.**
  - What is your role?
    - Research, planning and execution of process improvement methods in Southside Hospital.
    - Projects focus on cost, quality, efficiency and patient experience.
    - Lead teams, analyze operational data, research solutions/best practices and help facilitate group sessions around improvement.
Jordan Aronhalt

• Dir. Of Process Improvement Eng.
  • How does your role fit into your organization?
    • Report directly to the Executive Director of the Hospital
    • Consult with other leaders in the hospital to help diagnose and solve operational issues
  • Help design new facilities for efficient healthcare operations
Jordan Aronhalt

- **Dir. Of Process Improvement Eng.**
  - What’s the best thing about your job?
    - Working with employees to make their jobs easier and more satisfying
    - Improving the ability of our team to provide care, leading to better patient experience
  - What is your day-to-day life?
    - Small experiments and multi-month projects
    - Exploring and analyzing data
    - Facilitating improvement discussions
    - Attending and holding meeting to supporting organizational development
    - Researching new solutions and best practices
Laura Silvoy

• Consultant

• What is your role?
  • I am a healthcare systems engineer at a healthcare architecture firm
  • I lead process improvement initiatives within my firm as well as healthcare projects for our clients
Laura Silvoyo

- **Consultant**
- How does your role fit into your organization?
  - My organization offers three services, architecture, advisory and analytics. I work for the Advisory Services area.
  - Our group uses lean thinking to help our clients solve strategic business problems and achieve organizational transformation.
  - I provide industrial engineering support for our Advisory Services, as well as to our Architecture and Analytics Services.
Laura Silvoy

- Consultant

- What’s the best thing about your job?
Tarun Mohan Lal

- Healthcare Data Science
  - What is your role?
    - Manager, Outpatient Practice Optimization
  - Question 2 How does your role fit into your organization?
    - Responsible for working with leadership to identify projects and help execute them with engineers and stakeholders
  - Question 3 What’s the best thing about your job? What is your day-to-day life?
    - Learning/Researching, Teaching, Leading, Mentoring, Informing, Analyzing
Questions?

- **SHS Education Committee Contacts**
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You’re Invited …

to explore the latest operational and quality improvements
and industry best practices in healthcare at the

Healthcare Systems
Process Improvement
Conference 2018

Sponsored by: Society for Health Systems
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Learn more: www.ilse.org/HSPI