Brief Bio and (PR)$^2$: Problems & Pitches – Rants & Raves by Derek Dunn

Derek Dunn is the Executive Director of Decision Support & Analytics at Indiana University Health. In his current role, Derek leads the enterprise architecture, data governance, data management, business and clinical analytics teams and is responsible for the enterprise data warehouse and associated analytics platforms and applications for the IU Health system.

Prior to joining IU Health, Derek enjoyed a 20+ year career working in the legal, telecommunications, wholesale, retail, medical device and health insurance industries in both consulting and corporate roles developing data warehouse and analytics solutions to enable functions such as sales, marketing, product development, claims operations, actuarial, finance and supply-chain analysis.

Derek holds a master’s degree in Accounting with an MIS emphasis from Brigham Young University. He currently resides in Carmel, Indiana with his wife and his two teenage children. He enjoys concert piano, jazz music and learning foreign languages.

General Questions

1) What are your main interests in attending the workshop?
   a. Big data and population health are big interests of mine. I look forward to hearing the perspectives of different leaders who might be addressing these topics from different angles.

2) What challenges do you see in applying analytics and visualization to health care data for population health monitoring and management?
   a. In terms of general challenges, access to the right data is probably the biggest challenge. Related to healthcare providers specifically, we need to be working with data and technologies we haven’t traditionally focused on such as medical claims, pharmacy claims, grouper technologies, etc. We need to have standard approaches to stratification and disease management, and need to be able to make this data available at the point of care – wherever that might be taking place.
   b. The second biggest challenge is how to make sense of the data and see relevant, actionable patterns.
   c. I think we are still in the process of determining what types of intervention with the populations we are responsible for will truly make a difference.

3) Are you or your group working on any of these challenges? If yes, please explain.
   a. No

4) How do you currently use healthcare data for population health monitoring and management?
   a. N/A

5) If the workshop could fulfill one wish that you have for using analytics and visualization of healthcare data for population health monitoring and management, what would it be?
   a. Generation of new ideas/approaches that I haven’t considered before