Brief Bio and (PR)<sup>2</sup>: Problems & Pitches – Rants & Raves by Dr. Timothy Imler

Dr. Timothy Imler is a Board Certified Clinical Informaticist and Gastroenterologist who focuses his research on the creation of value (improved quality and/or lower cost) by the utilization of existing data from health care systems. Dr. Imler received his medical school training at Case Western Reserve University and his residency and fellowship training at Indiana University. He completed a National Library of Medicine research training grant in Medical Informatics. He currently is an Assistant Professor of Medicine at Indiana University, Research Scientist at the Regenstrief Institute, and the Director of the Regenstrief Data Core. He is married to a wonderfully supportive (and beautiful) woman with three spectacular children.

1. Imler TD, Imperiale TF. Measuring the quality of colonoscopy: Where are we now and where are we going? Gastrointest Endosc 2015;82:520-2.

General Questions

1) What are your main interests in attending the workshop? My main interest in attending the workshop is to explore the opportunities for collaborative research outside of the Indianapolis campus.

2) What challenges do you see in applying analytics and visualization to health care data for population health monitoring and management? The main challenge is in formatting the data to become usable for analysis and visualization. This takes a deep understanding of why such issues happen within large healthcare data sets.

3) Are you or your group working on any of these challenges? If yes, please explain. My group with the Data Core at Regenstrief work daily on the challenge of extracting meaningful data for analysis from one of the world’s largest healthcare resources.

4) How do you currently use healthcare data for population health monitoring and management? I focus my research on the creation of value (improved quality and/or lower cost) by the utilization of existing data from health care systems, particularly for colonoscopy.

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? My hope would be to establish connection between large data analysis and clinical knowledge to foster better understanding on both sides.