

[The MIT Information Quality
Industry Symposium](#)

Dr. Eugene Kolker

Chief Data Officer
Seattle Children's Hospital
Head of Bioinformatics
& High-throughput Analysis
Laboratory
Director High-throughput Analysis



Title:

MyDiabetesUniversity Application for Teens

Abstract:

Recently Healthcare Information Management and Quality in general and quality of Personal Health Records (PHRs) in particular have become a major focus of attention to both policy makers and the public. Spiraling expenses experienced by patients with chronic diseases have become an unbearable burden and threaten to bankrupt the entire healthcare system. Finding alternatives in the 21st century means to addressing these issues without sacrificing the care of patients. Using the internet to improve quality of patients' lives is a top priority of our team. We have recently focus on developing the online application called MyDiabetesUniversity (MDU) for teenagers with type 1 diabetes to improve their autonomy and disease self-management. We specifically focus on easing transitions from their homes to college, as well as when leaving specialized care at Children's to join a general medical environment. MDU application is currently based on the freely available Microsoft HealthVault framework for PHRs.