Spring Colloquium Series

Changing Healthcare: How can we harness predictive analytics for patients, providers and payers?

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Abstract: A great deal is written and spoken about big data and predictive analytics, particularly in the healthcare field. Health insurance has been a large traditional field for health actuaries, and the broader healthcare market is emerging as a big opportunity for the future, in part because of the growing emergence of analytics. The Casualty Actuarial Society and the Society of Actuaries are taking active steps to educate actuaries for a role in these emerging fields. This talk will cover some of the basics of healthcare, and where predictive analytics may or may not have a role. We will also discuss some of the ancillary requirements for the successful application of predictive analytics in health insurance and healthcare, illustrating with applications from the author's own research.

Keywords: big data, predictive analytics, actuarial mathematics

Wednesday, May 2, 12:05 - 12:50pm in 8-250