Reviewer’s report

Title: Informatics Leadership Models in the Academic Clinical and Translational Research Enterprise

Version: 3 Date: 7 June 2012

Reviewer: Qing Yan

Reviewer’s report:

In summary, the authors discussed the role of informatics leadership in clinical and translational research, an important topic in the field. The authors identified helpful strategies toward the successful leadership of informatics to support clinical and translational research.

• Major Compulsory Revisions

1. The Methods part (page 7-8): In the last paragraph of this section, on page 8 (“Additionally, to provide... for programmatic success.”), it would be better if these approaches can be described in more details, e.g., with a list of the resources used.

2. The Discussion part (page 10-15): More references can be used to support the suggested “critical strategies that are essential to the successful leadership and organizational delivery...”.

• Minor Essential Revisions

1. The Background part (page 3-7): The authors defined some of the terms such as biomedical informatics (BMI) clearly. It would be better if the concept of clinical and translational science (CTS) can be explained in more details with examples. In addition, the roles of CS, IS, BMI, and IT in translational research can be discussed with a more thorough review of the current status.

2. The Methods part (page 7-8): It seems the study was done mostly based on subjective surveys. Is it possible to provide some more objective analyses? For example, the application rates of certain programs, cost-effectiveness analysis, etc. These can also be discussed in the Discussion section.

• Discretionary Revisions

1. The Results part (page 8-10): A more detailed discussion can be provided for each table.

2. As the authors pointed out in the discussion part, more data with statistical meanings would be very helpful.
**Level of interest:** An article whose findings are important to those with closely related research interests

**Quality of written English:** Acceptable

**Statistical review:** No, the manuscript does not need to be seen by a statistician.

**Declaration of competing interests:**

I declare that I have no competing interests.