

The PPPRC concerns are in black, and the program responses are in red below.

- 1) As mentioned when the Pre-LOI was approved, the committee is concerned about whether the title of the program is appropriate. Why is the title of “Artificial Intelligence in Medicine” more appropriate than “Data Analytics in Medicine”?

We believe that the use of Artificial Intelligence in the program title is appropriate as the program teaches techniques beyond data analytics. Computation applied to medicine and medical data analysis represent a subset of Artificial intelligence. Importantly, Artificial Intelligence (AI) is the technology that enables human-like behavior to be mimicked by machines, such as reasoning and logical deduction. This technology can enhance the insight and understanding of complex inter-related medical information such as genomics, transcriptomics, metabolomics, clinical biomarkers, medical imaging, etc. Mathematical modeling and simulation, machine learning, and statistical analyses can all be part of AI technology, which goes beyond each of these traditional approaches. For example, the training of AI algorithms with large medical data sets allows for discovery of correlations and predictions of future occurrences and their understanding in ways that may not be possible with simple data mining technologies.

2. The committee would like to confirm that the online courses are designed in accordance with best practices and are not composed of pre-recorded lectures. What plans are in place to ensure quality online instruction?

The department of Bioengineering plans, upon initiation of the proposed program, to work with the Delphi Center to incorporate current best program practices into the online content for the MS in AI in Medicine and ensure that the online delivery meets the high expectations of the University.

3. Please adjust the tuition revenue in the pro forma. For graduate programs, 75% of tuition revenue goes to a student’s home academic program.

We have adjusted the tuition revenue projections to reflect the return rate to the home academic program and included it in the attached revision of our LOI.