

Cancer Bioinformatics (Spring 2015)  
Biostatistics & Medical Informatics 826 / Computer Sciences 838  
Project Proposal Template

Project proposals should be brief (1-2 pages) and contain the following information:

**Group members**

**Abstract:** Describe the problem you will solve, its biological motivation, and the anticipated benefits of the approach you propose.

**Methods:** Describe the algorithm(s) you will apply and/or implement. Include details such as existing computational tools you will use or extend and your sources of data.

**Anticipated results:** Describe the type of predictions your algorithm will make and how you will evaluate these predictions. To encourage ambitious projects, projects that produce negative results will not be penalized as long as they are planned, executed, and evaluated rigorously. During the course of the project you may change directions and produce different results than what you propose here, but it is important to think through the goals of your project and how you will judge success.

**Related work:** Identify 2 or 3 related methods. For each, provide a 1 sentence summary of how your proposed approach differs.

**Division of labor:** How will you ensure all group members contribute equally to the project?

**References**