Internal Selection Criteria for the
National Science Foundation (NSF) Science and Technology Centers: Integrative Partnerships (STC) Limited Opportunity Competition

University of Chicago Internal Deadline: April 26, 2019

The following guidelines apply to the University of Chicago’s internal selection:

1. **Project Summary** (1 page maximum). Provide an overview of the proposed STC, addressing separately the intellectual merit and broader impacts of the Center. The summary should be informative to those working in the same or related field(s), and understandable to a broad audience within the scientific domain.

2. **Center Rationale** (1 page maximum). Articulate your vision for the proposed Center that clearly outlines the grand challenge(s) being addressed, the breakthroughs being sought, the potential impacts, and intended legacies of the center. Explain the unique opportunities that an integrated STC will provide and describe what will be achieved in the center mode that could not be achieved with other NSF funding mechanisms including other NSF centers programs. Address the timeliness of the proposed center (why is this the right time for the center and why is this an important area for a research investment at this time).

3. **Center Plan** (2 pages maximum). Provide an overview of your research plan, in the context of national and global landscapes of relevant scientific fields, with sufficient detail to allow the assessment of the scientific merit and to justify the necessity for the center mode of operation. Delineate what you anticipate will be the major accomplishments over the first five years of the Center’s existence. Include a description of what you perceive will be the major challenges and bottlenecks in achieving these accomplishments and explain why.

4. **Team Description** (2 pages maximum). Describe the role and assets each participating organization brings to the center. Briefly describe the role that each team member will have in addressing the center’s goals. Highlight the unique assets and strengths of the proposing team compared to other groups working in related areas.

5. **Biosketch** of PI and Co-PIs (2 pages maximum).