**SPARK Program Application Template**

**\*\*INSTRUCTIONS. The application is limited to 2 pages with 1” margins and 11-pt Times New Roman font. Please complete all sections within the page limit values. Delete these instructions inside of the asterisks.\*\***

**Principal Investigator and Co-Principal Investigator(s) Name and Departmental Affiliation**

**Proposed Agency and Solicitation. Provide Link to Solicitation, if Available**

**Proposed Level of External Funding**

**Working Proposal Title**

**Intellectual Merit and Technical Impact** \*\*Describe what high-level challenge is being addressed and how this effort will target a significant gap relative to other current efforts. Describe how the proposed research will alter the foundational landscape of the field of study. The application must detail the complementary or unique nature of the proposed center relative to any existing external centers that would be seen as competition.\*\*

**Strength of the Proposed Center Structure and Management Plan** \*\*Provide details on the approach to addressing the problem as described in the funding call, especially in terms of center organization and management.\*\*

**Interdisciplinary Nature and Societal Impact** \*\*Explain how the proposed work will positively influence areas of science, engineering, and/or human health outside of the core field of study. Also, describe how the work will be of broad societal relevance, and, if appropriate, be of interest to local government, state, and national priorities.\*\*

**Team Strength and Impact of SPARK Funding** \*\*Define the strategy for the composition of the core team and why the current call is the appropriate time for the team to address this opportunity. Instead, the narrative should describe how the team will have a larger impact than the sum of its parts. If applicable, please describe any ***specific*** external partners that have been, or will immediately become, engaged with the core Purdue team. Moreover, the narrative must describe the impact of the potential SPARK funding on the chances of securing external funding.

**Impact on Existing Purdue Resources and Budget** \*\*Explain how the proposed team fits within the existing Purdue research enterprise without duplicating current efforts on campus. Provide a SPARK rough order of magnitude (ROM) budget; Sponsored Programs Services should not be involved at the application stage. Please be prepared to include a more detailed budget if invited to the oral presentation stage.\*\*