**Research Proposal for**

**Summer Student Partnering with Faculty/Staff Research Programs**

（Natural Science）

Title of the proposed research project

研究标题

**Part I**

1. Project context (including research significance, research overview and prospect in China and abroad, and importance of the proposed study. A list of references should be provided).

项目的立项依据（研究意义、国内外研究现状及发展动态分析，需结合科学研究发展趋势来论述科学意义。附主要参考文献目录）

2. Project description, objectives, and the key scientific problems to be solved (this section should be detailed and explicit).

项目的研究内容、研究目标，以及拟解决的关键科学问题（此部分为重点阐述内容）

3. Research approach and methodology, as well as feasibility analysis (including the description of the research methodology, technical route / roadmap, experimental methods, key technologies, etc).

拟采取的研究方案及可行性分析（包括研究方法、技术路线、实验手段、关键技术等说明）

4. Originality and innovative aspects of the proposed study.

本项目的特色与创新之处

5. Annual research plan and expected results (including important academic exchange activities to be organized, international cooperation and exchange programs, etc.).

年度研究计划及预期研究结果（包括拟组织的重要学术交流活动、国际合作与交流计划等）

**Part II**

1. Basis and prior research (prior research work related to the proposed project and related outcomes achieved in the past).

研究基础（与本项目相关的研究工作积累和已取得的研究工作成绩）

2. Working conditions (including existing conditions for experiments, missing conditions and proposed ways to solve those problems).

工作条件（包括已具备的实验条件，尚缺少的实验条件和拟解决的途径）