**WMED PILOT PROJECT RESEARCH PROPOSAL APPLICATION**

Please organize your proposal into the following sections and address the points outlined below. The proposal must follow the page and budget limitations described.

A maximum of six printed 8-1/2-by-11-inch pages, consecutively numbered. This page limit includes the Abstract (**Section 1**) and Research Plan (**Section 2**). (Minimum font size 12 point, margins at least ¾ inch).

Additional requirements are a description of the role medical students/residents will play in the research (**Section 3**), itemized budget (**Section 4**, **budget not to exceed $10,000**), list of facilities and resources (**Section 5)**, list of all other support (extramural and institutional) (**Section 6**), anticipated outcomes (**Section 7**), plans for extramural grant submissions (**Section 8**), and list of references (**Section 9**). There is no page limit for Sections 3-8. (Minimum font size 12 point, margins at least ¾ inch).

Submit the completed form to Office.Research@med.wmich.edu no later than 5 p.m. September 24, 2021.

PROPOSAL TITLE: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

APPLICATION TYPE:\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

PRINCIPLE INVESTIGATOR: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

E-MAIL: \_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_\_

**SECTION 1 - ABSTRACT:**

Abstract should include a succinct and clear description of the proposed work, including a clearly stated hypothesis or question to be addressed by the experiments outlined.

**SECTION 2 – Research PLAN (Specific Aims, Significance, Approach):**

Specific Aims: The purpose of the specific aims is to describe concisely and realistically the

goals of the proposed research and summarize the expected outcome(s), including the

impact of the proposed research will exert on the research fields involved.

Significance: The Significance section should explain the importance of the problem or describe the critical barrier to progress in the field that is being addressed. Explain how the proposed research project will improve scientific knowledge, technical capability, and/or clinical practice in one or more broad fields. It should cover the state of existing knowledge, including literature citations and highlights of relevant data; rationale of the proposed research; explain gaps that the project is intended to fill; and potential contribution of this research to the scientific field(s) and public health.

Approach: The purpose of the approach section is to describe how the research will be carried out. This section should include preliminary data, if available, and the PI’s experience relevant to the application and the experimental design, the proposed experimental design to analyze the problem presented, details of the procedures and techniques to be used for collecting data, and data analysis and statistical analysis of data as appropriate.

**SECTION 3 - MEDICAL STUDENT(S) / RESIDENT(S) ROLE:**

1) Describe the specific role(s) of the student(s)/resident(s) in completing the proposed research (Examples include: procedures, data collection, data analysis, or other specific activities students or residents will be engaged in)

2) Describe the roles of the principle investigator or other project personnel

**SECTION 4 - PROPOSED BUDGET:**

1) Proposed itemized budget request for the project

 2) Budget justification

**SECTION 5 – FACILITIES AND RESOURCES:**

1) Describe the resources, facilities, and support available to the researcher.

2) Justify any reliance on resources external to the research.

3) Make sure appropriate letters of collaboration are included.

**SECTION 6 – OTHER SUPPORT:**

 1) Source: Identify the agency, institute, foundation, or other organization that is providing the support. Include institutional, federal, public, and private sources of support.

 2) Major Goals: Provide a brief statement of the overall objectives of the project and indicate if there is scientific overlap with the pilot proposal.

 3) Annual Direct Costs: In the case of an active project, provide the current year’s direct cost budget. For a pending project, provide the proposed direct cost budget for the initial budget period.

**SECTION 7 - ANTICIPATED OUTCOMES:**

1) Timetable for proposed studies

2) Plans for dissemination of the projects results

3) Plans for additional research activities and future extramural funding (see Section 8))

4) Potential for protection of intellectual property or future commercialization (if any)

**SECTION 8 – PLANS FOR EXTRAMURAL GRANT SUBMISSION:**

In order to enhance external funding developed from pilot projects, applicants will be required to meet with Angie Morris (angela.morris@med.wmich.edu), the Sponsored Award Coordinator, to match funding opportunities to their research proposal and detail plans to submit an extramural grant at the end of the pilot grant.

**SECTION 8 - REFERENCES**