
Development Project Policy

I. PURPOSE

- A. The mission of the Indiana Institute for Biomedical Imaging Science (IIBIS) is to promote human health through the application of advanced biomedical imaging technologies. In order to serve the academic, medical, and business communities of Indiana IIBIS provides access to advanced research technology and methods. To assure that the IIBIS customer base remains competitive for extramural funding they must have access to cutting edge research imaging tools and be able to demonstrate that these tools provide data and information that supports the scientific objectives of their research.
- B. The purpose of this policy is to establish guidelines for the approval and allocation of resources for development projects. This policy will ensure that development projects are properly vetted and have deliverables that advance IIBIS In Vivo Core services and help sustain the base of funded grants necessary for financial viability.

II. SCOPE

- A. IIBIS Development Projects are intended to deliver enabling technology and methods. The experiments in a Development Project should bridge the Core's implementation of new techniques and the application of those techniques in the pilot studies and/or extramurally funded projects of Core users.
- B. While Development Projects are viewed as an essential investment for sustaining the vitality of the Core, IIBIS funding of a Development Project is not a substitute for investigator effort to secure possible extramural or institutional cost-sharing funds to specifically help advance a development effort related to their research interests.

III. EXCEPTIONS

- A. Any exception to this policy requires the approval of the Chairman of the Department of Radiology and Imaging Sciences or his/her designee.

IV. DEFINITIONS

- A. Development Projects- A project designed to increase the competitive position of investigators using the IIBIS In Vivo Imaging Core. These projects can be categorized as either technology development or method validation.
1. *Technology Development:* Projects advancing the technical services provided by the In Vivo Imaging Core. This includes but is not limited to

imaging probe development, data acquisition systems, image reconstruction methods, and data analysis tools.

2. *Method Validation:* Projects establishing the feasibility of making basic and clinical research measurements essential to the aims and goals of extramural grant applications.

V. POLICY STATEMENTS

- A. Request for the utilization of IIBIS resources must be submitted to the IIBIS Director.
- B. Development project submissions must use the IIBIS Core Development Application Form located in the Appendix of this policy.
- C. Development project applications will be reviewed by a small committee convened by the IIBIS Director. Members of this committee will be faculty from the Department of Radiology and Imaging Sciences and will be tailored to provide the appropriate expertise for the specific project applications. This committee will assess the importance of the proposed development project from the perspective of expanding the base of funded projects utilizing IIBIS In Vivo Core facilities. The review committee will submit a recommendation for approval, scope of the project, and appropriate metrics for quarterly productivity assessment reviews to the IIBIS Director. Final approval for allocation of resources will be determined by a majority vote of the IIBIS Executive Committee.
- D. Access to core resources for development projects will be provided at a reduced priority relative to grant funded and contracted projects. Imaging system time slots scheduled for development project work can be bumped for funded studies up to 1 week prior to the scheduled day and time. Exceptions to the prioritization policy can be made in unique situations by the IIBIS Director.
- E. Ongoing allocation of resources to development projects will be contingent on meeting defined goals and timelines.

VI. APPROVAL SIGNATURES



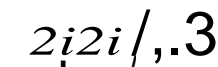
Gary D. Hutchms, PhD.
Director of IIBIS
Indiana University School of Medicine



Date



Valerie P. Jackson, MD, FACR
Eugene C. Klatter Professor and Chair
Department of Radiology and Imaging Sciences



Date

Appendix: IIBIS Development Project Application Format

- Project Title
- Scope-of-Work for technology development projects and the Scientific Hypotheses and Specific Aims of a proposed pilot study or grant application for method validation studies. Method validation proposals must clearly delineate what critical information is required for development of a competitive grant application. For both technology development and method validation proposals target funding sources must be identified.
- Definition of the Effort Required from Non-core Investigators including shared resources provided by the non-core investigator. The request should include written confirmation of the commitment of the non-core investigators to perform these studies.
- Project Timeline and associated Technical Milestones and Benchmarks for assessment of progress.
- Expected Budget or Allocated Resources Needed (personnel required and associated time commitment; supply and equipment costs; costs of other consumables, e.g., cyclotron beam time, scanner time).
- Assessment of Regulatory Hurdles
- Plan for Transitioning to Extramural Support; a Projected Volume of Studies that will be purchased from the Service Core annually over the coming 1-3 year period; and a statement of the assumptions and contingencies forming the basis for those projections.
- Identification of the lead faculty or staff member who assumes responsibility for generating Quarterly Reports on Core Project Status (technical progress relative to established milestones; unexpected problems; update on budgetary requirements), as well as a Final Report on the outcomes of the activity or project.

Submit development project proposals to:

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