

## Application requirements

This call intends to support substance abuse-related projects utilizing the MSIC imaging and MS cores running under the C3A P30 project grant (<https://c3a.indiana.edu/index.html>). Projects should aim to collect preliminary data verifying a novel concept, idea, demonstrating feasibility of a new method, or testing the use of a yet unapplied approach/technique in the research group. Applications submitted by researchers at an early career stage, including postdoctoral researchers, research faculty, or early-stage PIs, are especially encouraged to apply. Applications with the following sections must be submitted electronically as a single pdf file via the C3A website.

Applicants are strongly encouraged to consult with Dr. Norbert Hajos, Pilot Project Core Director, before preparing their proposal to ensure compatibility with the goals of the Pilot Project Core.

### **Section 1. Abstract (30 lines):**

State the short- and long-term objectives of the proposal and the specific aims. Describe the design/technical approaches/methods for achieving the proposal's objectives. The abstract should be informative for non-expert readers. Do not include any confidential information as it will be published on the C3A website, if chosen for support.

### **Section 2. Research Plan (3-page maximum):**

Research Plans longer than three (3) pages (0.5" margins, 11 Arial, including figures) will not be reviewed. An additional page listing all citations can be added. The following sections should be included:

**Significance:** Briefly review relevant prior work and identify the gaps in the knowledge related to the project. Provide rationale for the planned investigations and state the overall objective.

**Innovation:** Why this work is important and relevant? Discuss novel ideas/approaches related to the project.

**Specific Aims:** List the specific aims and relate them to long-term aims of the project.

**Approach:** Provide preliminary data that support the proposed investigation and/or show feasibility. Briefly, describe the research design, concept, and procedures that will be used to achieve the specific aims of the project. Provide details of data collection, analysis and interpretation.

**Future Funding:** Provide a detailed explanation of how the proposed project can receive further support from external funding sources. Identify the specific funding agencies.

### **Section 3. Personnel (1/2-page maximum):**

Provide a list of all personnel and their role in this project.

### **Section 4. Biosketch (5-page maximum in NIH style):**

A biosketch should be provided for the key personnel.

### **Section 5. Facilities and Resources (1-page maximum):**

Describe the facilities, resources, equipment related to/used in this project.

**Section 6. Budget (1-page maximum in NIH style)**

Budget should have the following sections: Personnel, Equipment, Other direct costs, including e.g., Materials & Supplies, Service cost, Animal cost. Faculty salary, graduate student tuition, etc. will not be supported, but summer salary for undergraduate and graduate studies is allowed to request. Travel cannot be covered.

Deadline of applications: March 3, 2025

The outcome of the evaluation will be announced by mid-April 2025, whereas the final decision will be approved by NIH by mid-June 2025.

Successful applications will be awarded \$5,000-30,000 for a period between 07/01/2025-06/30/2026.

Financing of the approved applications will take place after providing approved protocols needed to conduct research, including e.g., IACUC protocols.