CFAR Catalytic Fund for Strategic Interdisciplinary Research

The CFAR at Case Western Reserve University and University Hospitals Case Medical Center will provide strategic investment for funding of programs aligned with faculty to foster interdisciplinary research in HIV/AIDS. The CFAR has established the following areas to be of highest priority in its research agenda: virology and cure, immune mechanisms and pathogenesis and HIV co-infections and co-morbidities. Emerging areas of strategic importance for the CFAR include, but are not limited to HIV-associated malignancies, cardiovascular disease and neuro-AIDS. Investigators in the basic sciences and clinical departments in the School of Medicine and Hospital System as well as in other departments throughout the University are eligible.

Applications should include a basic science emphasis with a translational/clinical component or a clinical focus with a translational/basic component.

For this application, we would like to strongly emphasize the following points:

- This must be for a multi-disciplinary program with the expectation that this investment will lead to significant future funding
- Young investigators should have a leadership role in the team, although we fully expect seasoned investigators to play a major role
- Involvement of groups/topics/investigators new to the CFAR as a component of the proposal are encouraged

Grants will have an initial annual budget not to exceed $75,000 direct costs each, will be awarded to teams who intend to expand or initiate translational programs aligned with areas of research and strategic emphasis of the CFAR. In the next year of funding, up to four grants will be awarded.

ELIGIBILITY AND CONDITIONS

The grant period will be for one year with a 6 month review to ensure adequate progress. With significant progress, strong consideration will be given to funding in a second year (although a re-application will be required). Milestones created by the applicants will form the basis for these reviews.

Post-doctoral fellows, residents, graduate students and research associates are not eligible to apply for these research grants, but may be an integral part of a proposal made by a Faculty member. Co-Principal Investigators representing different disciplines are encouraged. The Principal Investigator(s) must be a member of the faculty at Case Western Reserve University.
Funds should be used primarily for research supplies, animal maintenance, technical assistance, cost of computer time, special fees such as pathology, photography, etc., or equipment costing less than $2,000. Funds may not be used for faculty salary. Funds may also be applied to stipends for fellows, residents, graduate students and/or postdoctoral assistants if their role is to promote and sustain the project directed by the Faculty but full time salary support for junior personal is discouraged unless sufficiently justified in the application. Laboratory supplies should be itemized by category. Travel funds are not allowed except in exceptional circumstances where it is critical for program development and there is prior approval by the Chair of the Catalytic Fund Steering Committee.

No funds will be provided for administrative personnel, office equipment and supplies, tuition, purchasing and binding of periodicals and books, dues and membership fees in scientific societies, honoraria and travel expenses for visiting lecturers, recruiting and relocation expenses, office and laboratory furniture, rental of office or laboratory space, per diem charges for hospital beds, non-medical or personnel services to patients, construction or building maintenance, or major alterations.

APPLICATION INSTRUCTIONS

General Instructions
Number the pages consecutively at the bottom throughout the application. Type the name of the Principal Investigator/Program Director at the top of each printed page and each continuation page. Submit in the order listed below starting with the Title Page.

Title Page: Principle Investigator’s Name; Department/Division; Mailing Address; Phone number; Email address; Grant Title (*Use attached form*)

I. BUDGET
Provide a 12-month budget (not to exceed $75,000 (do not include indirect costs) followed by a detailed justification of budget items. (*Use attached form*)

The funds received from this award MUST be used within the period specified. There will be NO EXTENSIONS.

II. BIOGRAPHICAL SKETCH/OTHER SUPPORT (For PI(s) and co-Investigators)
(NIH FORMAT)
First and second page (2 page limit) for biosketch. Third and fourth page (2 page limit) for other support. If you have no current or pending other support, include a statement to that effect.

III. RESOURCES
Provide a description of the resources (i.e. facilities and personnel) available to you to support your proposed research activity.

IV. DESCRIPTION OF RESEARCH PROPOSAL (A-G not to exceed 6 pages total)
A. Specific Aims (not to exceed 1/2 page).
B. Significance (with implications for further studies and plans for seeking future outside support-not to exceed one page).
C. Background/Preliminary Studies (not to exceed one page).
D. Experimental Design and Methods (not to exceed two pages).
E. Approval of the UH Case Medical Center, MetroHealth Medical Center, or VAMC Institutional Review Board if human experimentation is involved.
F. Approval of the CWRU or VAMC Animal Care & Use Committee (IACUC) if animal experimentation is involved.
G. Roles of Major Investigators and Key Consultants.
H. Literature Cited (not to exceed 3 pages).

V. FUTURE DEVELOPMENT PLAN (not to exceed 1 page)
A. Extension of proposed studies
B. Specify milestones (Go/No Go decision points) for the 6 month review and 12 month extension.
C. Plans for obtaining Federal or other support, including existing or pending RFAs.

V. APPENDIX (3 page limit)
Figures, Tables, Submitted manuscripts, etc.

VI. LETTERS OF SUPPORT
Provide letters of support from appropriate collaborators/consultants.

All applications must be typed, single-spaced, using a standard 11 or 12 font.

REVIEW PROCESS

Proposals will be reviewed by an oversight committee consisting of representatives from the CFAR Oversight Committee. When appropriate, external reviewers will be used by the Committee. Reviewers will provide a concise written report to the applicant. In making a decision, the committee will take into consideration the following items, which will be weighted in the following manner:

1. Significance, originality, innovation, scientific merit and translational nature of the proposed project. (25%)

2. Demonstrated interdisciplinary nature of the proposal aligned with CFAR strategic research areas. (25%)

3. The applicant's ability to perform the proposed research, within the time frame allotted and the development of new collaboration. (20%)

4. Promising team of investigators (10%)

5. Appropriateness of the exploratory activities and the likelihood that their completion will provide the basis for future successful funding and programmatic development. (10%)

6. Budget and budget justification. (10%)

The Oversight committee would like to emphasize the importance of (a) providing detailed budget justifications, (b) listing the percent effort that the Principal Investigator and other Investigators will devote to the project if it is supported, (c) specifying plans for potential future support for the project/program by other granting agencies both federal and non-federal and (d) establishing new opportunities/collaborations for young investigators.
 REPORTING GUIDELINES

Grantees are required to submit a 6 month interim and a final report at the completion of the year summarizing major activities and research findings, and to provide information on the funding status of the research initiated with this grant as well as related publications in each of the succeeding four years. **Significant progress in program development at 6 months will be expected to release the second half year of funding. No extensions will be granted and underspent funds will be returned to the Catalytic Fund for future investments.**

**DEADLINE FOR RECEIPT OF THE APPLICATION IS MONDAY JANUARY 5, 2015**

**FUNDING TO BEGIN IN LATE JANUARY, 2015**

This is an internal grant and **NOT TO BE ROUTED through the CASE research offices.**

Send an electronic version of the application **(in pdf format)** to: Brinn Omabegho, email: beo3@case.edu
# DETAILED BUDGET FOR INITIAL BUDGET PERIOD

## PERSONNEL (Applicant organization only)

<table>
<thead>
<tr>
<th>NAME</th>
<th>ROLE ON PROJECT</th>
<th>TYPE APPT. (months)</th>
<th>% EFFORT ON PROJ.</th>
<th>INST. BASE SALARY</th>
<th>SALARY REQUESTED</th>
<th>FRINGE BENEFITS</th>
<th>TOTAL</th>
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<td>Principal Investigator</td>
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## SUBTOTALS

## CONSULTANT COSTS

## EQUIPMENT (Itemize) Limited to equipment costing less than $2,000.

## SUPPLIES (Itemize by category)

## TRAVEL: Limited to one (1) registration fee and travel to a related scientific meeting for the PI only.

## PATIENT CARE COSTS

<table>
<thead>
<tr>
<th>TYPE</th>
<th>INPATIENT</th>
<th>OUTPATIENT</th>
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## ALTERATIONS AND RENOVATIONS (Itemize by category)

## OTHER EXPENSES (Itemize by category)

## TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD $
DETAILED BUDGET JUSTIFICATION: The funds received from this award MUST be used within the period specified. There will be NO EXTENSIONS (including "no cost extensions").
BIOGRAPHICAL SKETCH
PROVIDE FOR PI ONLY
DO NOT EXCEED FOUR PAGES.

NAME

POSITION TITLE

EDUCATION/TRAINING (Begin with baccalaureate or other initial professional education, such as nursing, and include postdoctoral training.)

<table>
<thead>
<tr>
<th>INSTITUTION AND LOCATION</th>
<th>DEGREE</th>
<th>YEAR(s)</th>
<th>FIELD OF STUDY</th>
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NOTE: The Biographical Sketch may not exceed four pages. Items A and B (together) may not exceed two of the four-page limit. Follow the formats and instructions on the attached sample. Personal statement not required for this application.

A. Positions and Honors. List in chronological order previous positions, concluding with your present position. List any honors. Include present membership on any Federal Government public advisory committee.

B. Selected peer-reviewed publications (in chronological order). Do not include publications submitted or in preparation.

C. Research Support. List selected ongoing or completed (during the last three years) research projects (federal and non-federal support). Begin with the projects that are most relevant to the research proposed in this application. Briefly indicate the overall goals of the projects and your role (e.g. PI, Co-Investigators, and Consultants) in the research project. Do not list award amounts or percent effort in projects.