The Center for Field Research

68 Leonard Street/Belmont, Massachusetts 02178/U.S.A./Phone (617) 489-3032

Board of Advisors

CHAIRMAN:
Dr. Donald H. Menzel
Professor of Astrophysics, Emeritus
Harvard University
Research Scientist
Smithsonian Institution
Astrophysical Observatory

ANTHROPOLOGY. Dr. Asmarom Legesse African Studies Center Northwestern University ASTRO-ARCHAEOLOGY: Dr. Gerald S. Hawkins Smithsonian Institution Astrophysical Observatory EDUCATION: Dr. Dyke Brown Director, The Athenian School Dr. Milton R. Stern Dean, University Extension University of California, Berkeley GEOLOGY: Dr. Ian L. Gibson Department of Geology University of London GEOPHYSICS: Dr. Paul A. Mohr Smithsonian Institution Astrophysical Observatory MARINE SCIENCE: Dr. Richard H. Chesher Vice President Marine Research Foundation

NORTH AMERICAN ARCHAEOLOGY:
Dr. David H. Thomas
Assistant Curator
American Museum of Natural History
PALEO-ANTHROPOLOGY:
Dr. Phillip V. Tobias
Head, Department of Anatomy
University of Witwatersrand
PREHISTORIC ARCHAEOLOGY:
Dr. Ofer Bar-Yosef
Head, Department of Prehistory
Institute of Archaeology
Hebrew University
TECHNOLOGY:
Dr. Harold E. Edgerton
Professor Emeritus
Department of Electrical Engineering
Massachusetts Institute of Technology

19 February 1975

Don E. Crabtree Research Associate in Lithic Technology The Museum Idaho State University Pocatello, Idaho 83201

Dear Dr. Crabtree:

Brian Rosborough of Educational Expeditions suggested that you and your faculty colleagues might be interested in the Center for Field Research. We are a non-profit organization established to foster private sponsorship of basic field research.

The Center arranges financial support for scientists who can constructively utilize qualified amateur assistants for several weeks in their field research projects. Funds to support the research are contributed by the participating laymen; the grant is usually \$300 to \$500 per individual.

The Center acts as a review board, screening proposals for other organizations, like EEI, which find capable assistants through museums, professional societies, and school faculties across the country. Applicants are carefully selected and are briefed before joining scientists in the field. A majority of the volunteers are college educated adults; many are professionals with advanced degrees. In the past four years, the Center has arranged private funding for over 100 scientists working in 25 countries.

We invite your attention to the enclosed application form. Generally, decisions are made by the Board within 30 days of receipt of a proposal. If we can help support your field research in 1975 or 1976, please let me know.

With best wishes.

Yours sincerely,

Elizabeth E. Caney Deputy Director

encls.

Application Number	1097
Date Submitted	

The Center for Field Research

68 Leonard Street/Belmont, Massachusetts 02178/U.S.A./Phone (617) 489-303

EXPEDITION PLAN

Please make your responses as comprehensive as possible to give members of the Advisory Board sufficient information on which to base their decision. Should your proposal be accepted by the Center, the information detailed here will become the basis of materials for a field notebook used to prepare members of your team prior to the expedition.

- 1. Expedition Title:
- 2. Discipline:
- 3. Country:
- 4. Short statement on the purpose and goals of the expedition:
- 5. Duration: (days in the field)
- 6. Inclusive dates: (in the field)
- 7. Chief Scientist: (Please attach your curriculum vitae and a list of principal publications)

Name

Organization/Affiliation

Position/Title

Complete Mailing Address

Cable Address

Telephone numbers
Home:
Office:

- 8. Please enclose a photograph of you taken in the field and one or two photographs of the proposed site. Black and white preferable. Mark photographs clearly and indicate if they should be returned to you.
- 9. What research experience have you had in the proposed expedition area? If it is a first survey, describe other expeditions which you have organized and directed.

Name and address	Organization	Position
	organization	10800000
a)		
	go/i	
b)		
c)		
		The Cer
11. Expedition staff:		
a) Assistant Scientists: Please inclu of your staff should be prepared to con professional scientist to every five no	duct informal briefings in the field	each professional assistant. Members . The Center encourages at least one
Name and address	Organization/Position	Discipline/Expertise
•		
	of the expeditions	Nort stutement on the purpose and goals o
b) Expedition Coordinator: That personand during the expedition.	on who will be your principal planne:	r and logistical officer, both prior to
Name, address & telephone number	Organization/Position	Past experience in this area
		and sensing fraction agreements; telephology and
c) Support Staff, technicians, or grad	duate assistants:	
	Organization/Position	Expedition role
Name and address	organization/rostition	Lupeattiti 1010
Name and address	organization, rostitum	<u> </u>

d) Staff Physician: If your staff does not include a doctor or medic, please explain why.

Name, address & telephone number

Past experience in this area

e) Other possible participants: The Center would like to foster interdisciplinary research teams, where they might be helpful to the Chief Scientist. Understanding that the ability to do this is limited by the amount of funds available to support your research, please list distinguished colleagues whom you might consider including on the team were it possible to do so.

Name and address

Organization/Position

Discipline/Expertise

- 12. Project Description: Please be comprehensive, attaching any supplementary materials, published papers, pictures or maps if you so desire. Exhibits are optional, not required. Indicate which enclosures, if any, should be returned.
- a) Specifically list the research objectives of the expedition:

b) Explain the scientific significance of the expedition, i.e. the relevance of your research to other research projects in this area, both past and current. Identify such other projects and their directors.

14. Please enumerate the various ways in which you plan to utilize amateur participants in achieving your research objectives. This is one of the most important questions in the plan, so please be specific. Your team will include educated, highly motivated laymen with great expectations of becoming involved in your work. Assignments of responsibility should be made with a view toward complete integration of amateurs and professionals.

			endrictiens			
			courd somplete.	e color a delia el		
•						
o. Give an example of articipants who want to coups, please indicate	a typical day's worl make a serious com what each group wil	k schedule on you tribution to you <i>l be doing</i> .	our expedition ur research. <i>I</i>	considering that f the team is to	t you may have u be broken into	p to twent small
	•					
	•					
. Please set forth the	e range of topics th	nat you and you	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the ring the expedition.	ue range of topics th	nat you and you	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the ring the expedition.	ue range of topics th	hat you and your	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the ring the expedition.	ue range of topics th	hat you and you	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the ring the expedition.	ue range of topics th	hat you and you	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the	ue range of topics th	hat you and your	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth thering the expedition.	ne range of topics th	hat you and you	r staff will be	covering in fie	eld discussions	and lectur
. Please set forth the ring the expedition.	ue range of topics th	hat you and you	r staff will be	covering in fie	eld discussions	and lectur

18. Describe the expedition area including geography, inhabitants, flora and fauna. Accuracy is important; if it's bleak, say so.

- 19. Expedition staging area: (The nearest commercial airport to the expedition area)
- 20. Place, date, and time that you would like the expedition team to convene at the staging area: (This may be adjusted to conform to air schedules)
- 21. Briefly describe the various lodgings or living arrangements anticipated on the expedition, e.g. hotels, dormitories, local housing, tents, sleeping bags, etc.

- 22. Climate and clothing:
- a) Climate: Please describe the climate and conditions expected during the expedition, i.e. temperature extremes, precipitation, sandstorms, humidity, etc.

b) Clothing: Include a suggested list of clothing and personal equipment that participants should bring. Include such items as foul weather gear, climbing boots, sun protection, hats, and any personal equipment that you consider essential field gear.

23. Do you anticipate any language problems in the field? If so, what plans have you made for interpreters?	
24. Please delineate any specific logistical problems that you anticipate, e.g. adequate medical care, portage of supplies, availability of water, fuel or fresh produce, etc.	
of supprises, didictability of water, fact or fresh produces, etc.	
25. Describe emergency evacuation procedures and communications, if expedition is entering a relatively inaccessible area.	
26. Field mailing address for participants, if possible:	
27. Participant requirements:	
a) Special qualifications desirable: Contributors to your expedition bring qualifications and experience of their	r
own. Please list 'skills and talents' that you could utilize productively in the field. The Center will endeavor	•
to meet your requirements whenever possible, e.g. artists, surveyors, photographers, carpenters, amateur astronomer optics enthusiasts, draftsmen, etc., and will forward to you profiles of team members as they are accepted.	٠,
	*
	•
b) Physical examination: A whyginal commination will be negligible for all manifestation and the second of the sec	7
b) Physical examination: A physical examination will be required of all participants. Please specify any medica conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	Z
b) Physical examination: A physical examination will be required of all participants. Please specify any medica conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	2
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	2
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation diffi-	2
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible. c) Other special medical requirements: e.g. medicines to bring, halizone, first aid, etc.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible.	Z
conditions, e.g. special diets, allergies, excessive weight, age, which you believe would make participation difficult or impossible. c) Other special medical requirements: e.g. medicines to bring, halizone, first aid, etc.	Z

You might "rate" physical conditions anticipated on your project:

Strenuous(physically and psychologically demanding)

Challenging(tough but reasonable)

Comfortable(no hardships)

28. Other advice to participants: (what not to expect, e.g. baths, conventional sanitation, iced drinks, etc.)

29. Preliminary reading material: Please be comprehensive and qualify the assignments by indicating which you feel are essential preparation. Please try not to list material not available in the United States. Include at least two basic texts in your discipline, instructional material on field methodology, scientific papers dealing with the discipline and the research area, and your own applicable publications. This information will be reproduced and distributed to the participants.

Publication

Author

Publisher

e) Physical conditioning as preparation for the expedition: e.g. hiking, rock climbing, back packing, swimming,

canoeing, horseback riding, etc.

Suggested Reading

Required Reading

The Center for Field Research 68 Leonard Street/Belmont, Massachusetts 02178/U.S.A./Phone (617) 489-3032

VARIABLE EXPEDITION BUDGET

The Center is a private, non-profit organization that fosters public sponsorship of science. It does not make grants to individuals, but rather acts as intermediary between professional scholars and potential sponsors.

Most of the funds to support research projects come from amateurs and paraprofessionals who apply to work with scientists in the field. In other words your project, including support for your staff, will be cost-shared by these members of your team. Accordingly, the availability of funds depends on public response, i.e. the number of participants determines the amount of the grant.

As a service to sponsoring organizations, the Center has set forth a 'variable budget'.

- --The minimum budget should correspond to your threshold cost, i.e. the absolute minimum number of dollars to mobilize your project.
- --The maximum budget should be delimited by the greatest number of 'paraprofessionals' that you can efficiently include on your team.

For example:

- (a) If you need a minimum of \$2500 to mobilize a 3 week project, you should budget for about 6 participants to work with you in the field.
- (b) If the same project could efficiently empley the skills of 20 participants, the budget could be expanded to \$9000, allowing additional funds for assistant scientists to supervise the team.
- (c) If a project requires more than 4 weeks in the field, you may want to support it with a series of 2 or more teams which are on site for 2-3 weeks each. In this case, different budgets should be prepared for each section.
- (d) In all cases, 'paraprofessionals' pay their own transportation to and from the staging area, but their field costs should be included in the team budget.

Your budget should be fully annotated. Please specify categories which may be subject to adjustment and explain the contingencies. Itemize all equipment, tools, and supplies. Indicate how much equipment, field gear, and transportation can be borrowed for the expedition, versus that which must be imported, leased, or purchased.

We recommend that you economize where you can, and make independent applications to other funding sources to supplement your budget.

Thank you.

Ce. 2.4.15.7

Applicant		Project
I. TEAM COMPOSITION (# persons) NUMBER OF:	Minimum	Maximum Annotations
Professionals Other Staff Amateur Participants		gend artifacta cameralajad inggania
TOTAL TEAM		The purchase und/or rented of
II. FIELD COSTS (\$ requested) A. PERSONNEL EXPENSES	Minimum	Maximum
 Director Assistant Scientist(s) Expedition Coordinator Staff and Technician(s) Doctor/medic Interpreters, Porters, Guides, etc. Support oflocal students Others (specify) PERSONNEL SUBTOTAL	\$	To letter rection economic control of the second se
B. TRANSPORTATION Ground, water, and/or air transportation in the expedition country, including transportation to and from the expedition staging area. Itemize.	\$	TOTAL RESTREE VIA CENTER FOR FIELD RESTREE RES
C. FOOD Cost of food for the entire expedition team from date of arrive at the expedition staging area to the date the expedition terminates (Approx. \$		Assumt requested via Center for Field Mesoarch S. Assumt expected from other Sources (specify) TOTAL ESTEDITION BURGET
D. ACCOMMODATIONS This budget item includes the cost of purchased accommodations and other field lodging from date of arrival at expedition staging area to date of departure for both expedition staff and participants. (Approx. \$ per person per day Itemize.		

	EDELOR	Minimum	Maximum	Annotations
Е.	FREIGHT Air, sea, and ground freight expenses for all expedition tools,			
	equipment, and field gear, including return fare for gear			
	and artifacts accumulated in the			
	field.	-		Other Staff
F.	FIELD EQUIPMENT			
	The purchase and/or rental of tents, cooking utensils, and other camping equipment required			
	for the expedition team. Assume that lay participants will bring			
	only their personal gear and sleeping bags. Itemize.			PERSONNEL EXPENSES
G.	TOOLS			1. Director
	Purchase and/or rental of expedition tools and special			2. Assistant Scientist(s)
	equipment. (NOTE: Items purchased under categories F			
	and G may remain the property of your sponsor.) Itemize.			4. Staff and Technician(s)
н.	SUPPLIES			
	Supplies, other than food, i.e. towels, soap, toilet paper, medical and first aid supplies, halizone,			6. Interpreters, Forters, Guides, etc.
	etc.			7. Support of local students
I.	CLERICAL CONTRIBUTION To expedite research report.			8. Others (specify)
J.	CONTINGENCIES			DESCRIPT SOBLOLYT
	TAL REQUESTED VIA CENTER FOR FIELD SEARCH	\$	<u> </u>	TRANSPORTATION Ordered, eater, englor exp transportation in the expedit construction that extransportation the themselves and the construction of the constitution of the constitution and the cons
FUN	DING BY SOURCE			
Α.	Amount requested via Center for Field Research	\$	\$	F00D
В.	Amount expected from other sources (specify)		indress of co	doet of food for the entire aspection teen from date of at the expedition staging are
TOI	TAL EXPEDITION BUDGET	\$	\$ (100)	Mppress. 8 per person pe

III.

SUMMARY BUDGET

Fill in left half only. If approved, this copy will be completed with recommendations.

		Please complete		Please le	Please leave blank	
		Requ Minimum	ested Maximum	Appro Minimum	oved Maximum	
I.	TEAM COMPOSITION (# persons)					
	NUMBER OF:					
	Professionals					
	Other Staff			•		
	Amateur Participants					
	TOTAL TEAM					
II.	FIELD COSTS REQUESTED (\$)					
	A. Personnel Expense	\$	\$	\$	\$	
	B. Transportation				*	
	C. Food					
	D. Accommodations	-				
	E. Freight					
	F. Field Equipment					
	G. Tools					
	H. Supplies		-	Name and the second second second		
	I. Clerical		-			
	J. Contingencies					
	TOTAL FUNDING REQUESTED VIA CENTER FOR FIELD RESEARCH	\$	\$	\$	\$	
II.	FUNDING BY SOURCE					
	A. Center for Field Research	\$	\$	\$	\$	
	B. Others					
	TOTAL EXPEDITION BUDGET	\$	\$	\$	\$	
·	st that the foregoing budget and	, Chief Scien	tist and director o	of the proposed expedi	tion do he	