PROPOSAL BUDGET

YEAR- 2015

PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR (PI/PD) Matthew D MacManes
A. SENIOR PERSONNEL, PI/PD, Co-PI's, Faculty and Other Senior Associates (It size ach separately with title A.7. show, number in narentheses) CAL ACAD SMR Offeror
A. SENIOR PERSONNEL, PI/PD, Co-PI's, Faculty and Other Senior Associates (It ist each separately with title A 7 show number in narentheses) (It ist each separately with title A 7 show number in narentheses) (It ist each separately with title A 7 show number in narentheses) (It ist each separately with title A 7 show number in narentheses) (It ist each separately with title A 7 show number in narentheses) (It ist each separately with title A 7 show number in narentheses) (It is each separately with title A 7 show number in narentheses) (It is each separately with title A 7 show number in narentheses) (It is each separately with title A 7 show number in narentheses) (It is each separately with title A 7 show number in narentheses) (It is each separately in the separa
Call ACAD SMR Offeron 160 75,850 2 17,361.00 1 1 1 1 1 1 1 1 1
2. 3. 4. 5. 6.() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION) 7. (1) TOTAL SENIOR PERSONNEL (1-6) B. OTHER PERSONNEL (SHOW NUMBERS IN PARENTHESES) 1.() POST DOCTORAL ASSOCIATES 2.() OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3.(1) GRADUATE STUDENTS 4.(1) UNDERGRADUATE STUDENTS 5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7 TOTAL SAL ARIES AND WAGES (A + R) C PRINGE RENEITIS (IF CHARGED AS DIRECT COSTS) TOTAL SAL ARIES WAGES AND PRINGE RENEITIS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL SERMANENT FOLLIPMENT F. TRAVEL (LIST ON RUDGET EXPL ANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND ILS POSSESSIONS) 2. TRAVEL 3. SUBSISTENCE 4. OTHER
3.
4.
5.
6.() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION) 7. () TOTAL SENIOR PERSONNEL (1-6) 17361.00 B. OTHER PERSONNEL (SHOW NUMBERS IN PARENTHESES) 1.() POST DOCTORAL ASSOCIATES 2.() OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3. () GRADUATE STUDENTS 7000.00 4. () UNDERGRADUATE STUDENTS 5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7. TOTAL SALARIES AND WAGES (A + R) C. FRINGE RENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE RENEFITS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOILIPMENT F. TRAVEL (J.IST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND ILS POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
7. (1) TOTAL SENIOR PERSONNEL (1-6) B. OTHER PERSONNEL (SHOW NUMBERS IN PARENTHESES) 1. () POST DOCTORAL ASSOCIATES 2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3. (1) GRADUATE STUDENTS 4. (1) UNDERGRADUATE STUDENTS 5. () SECRETARIAL - CLERICAL (If charged directly) 6. () OTHER 7. TOTAL SALARIES AND WAGES (A + R) C. FRINGE RENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE BENEFITS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLIPMENT F. TRAVEL (LIST ON RUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLLIDE CANADA MEXICO, AND ILS, POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
B. OTHER PERSONNEL (SHOW NUMBERS IN PARENTHESES) 1. () POST DOCTORAL ASSOCIATES 2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3. (
1.() POST DOCTORAL ASSOCIATES
2.() OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3.(1) GRADUATE STUDENTS 4.(1) UNDERGRADUATE STUDENTS 5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7 TOTAL SALARIES AND WAGES (A + R) C FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND ERINGE RENEFITS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLIPMENT F. TRAVEL (LIST ON BLIDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND ILS POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
3.(1) GRADUATE STUDENTS 4.(1) UNDERGRADUATE STUDENTS 5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7 TOTAL SALARIES AND WAGES (A + B) C FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE BENEFITS (A + B + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLLIPMENT E TRAVEL (LIST ON BIJDGET EXPLANATION PAGE) 1. DOMESTIC (INCLIDE CANADA MEXICO AND ILS POSSESSIONS) 2. FORFIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
4,(1) UNDERGRADUATE STUDENTS 5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7 TOTAL SALARIES AND WAGES (A + B) 28,861.00 2 FRINGE RENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE RENEFITS (A + B + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT EOUIPMENT F. TRAVEL (LIST ON RUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUIDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
5.() SECRETARIAL - CLERICAL (If charged directly) 6.() OTHER 7. TOTAL SAL ARIES AND WAGES (A + R) 28,861.00 C. FRINGE RENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SAL ARIES WAGES AND FRINGE RENEFITS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLIPMENT E. TRAVEL (I IST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUIDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
6.() OTHER 7. TOTAL SALARIES AND WAGES (A + B) 28,861.00 2. FINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE BENEFITS (A + B + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BILDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUIDE CANADA MEXICO AND ILS POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
7. TOTAL SALARIES AND WAGES (A + B) C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE RENEFITS (A + R + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLIPMENT E. TRAVEL (LIST ON RUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO. AND U.S. POSSESSIONS) 2. FORFIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES WAGES AND FRINGE RENEFITS (A + B + C) D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT FOLIPMENT F. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUIDE CANADA MEXICO AND ILS POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.00. ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BUIDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
ATTACH ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLLIDE CANADA MEXICO: AND ILS. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
ADDITIONAL EXPLANATION PAGES, IF NECESSARY.) TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUIDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE) 1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER
2. TRAVEL 3. SUBSISTENCE 4. OTHER
3. SUBSISTENCE 4. OTHER
4. OTHER
() TOTAL PARTICIPANT COSTS
G. OTHER DIRECT COSTS (ITEMIZE ON BUDGET EXPLANATION PAGE) 1. MATERIALS AND SUPPLIES 63,500
2. PUBLICATIONS COSTS/DOCUMENTATION/DISSEMINATION
3. CONSULTANT SERVICES
4. COMPUTER (ADPE) SERVICES
5 SUBAWARDS
6. OTHER
7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) 94584.00
I INDIRECT COSTS Rate Base Total
Overhead
G&A
TOTAL INDIRECT COSTS FCCM 44,927
L TOTAL DIRECT AND INDIRECT COSTS (H + I) 139,511
K. FEE. (%) BASE \$
L. COST SHARING
M. AMOUNT OF THIS REQUEST
PI/PD NAME (TYPED) & SIGNATURE September 26, 2014
OFFEROR'S AUTHORIZED REP. NAME (TYPED) & SIGNATURE DATE

PROPOSAL BUDGET



A. SENIOR PERSONNEL, PI/PD, Co-PI's, Faculty and Other Senior Associates	D MacMane	ne.					
· · · · · · · · · · · · · · · · · · ·		55					
	Man Hrs/Mo	Rates		-Mos	Funds Requested b		
List each senarately with title. A.7. show number in parentheses) 1. Matthew D MacManes - PI	160	75,850	CAL	ACAD	SMR 2	Offeror 17,882	
11	100	75,650				17,002	
2.			-				
3.			-				
4.			-				
5. 6.() OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION)						17,882	
7. (1) TOTAL SENIOR PERSONNEL (1-6)						17,002	
3. OTHER PERSONNEL (SHOW NUMBERS IN PARENTHESES)		T	1	1	T .		
1.() POST DOCTORAL ASSOCIATES	`		-				
2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC	.)		1			7,210	
3.(1) GRADUATE STUDENTS						4,635	
4. (1) UNDERGRADUATE STUDENTS						1,000	
5.() SECRETARIAL - CLERICAL (If charged directly)						+	
6. () OTHER 7. TOTAL SALARIES AND WAGES (A + B)						29,727	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)						2,289	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)						32,016	
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR	EACH ITEM	EXCEEDIN	IG \$5,00	00.00.			
ATTACH							
ADDITIONAL EXPLANATION PAGES, IF NECESSARY.)							
TOTAL PERMANENT EQUIPMENT							
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE)							
1. DOMESTIC (INCLUDE CANADA MEXICO, AND U.S. POSSESSIONS)							
2. FOREIGN							
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$							
2. TRAVEL							
3. SUBSISTENCE							
4. OTHER							
() TOTAL PARTICIPANT COSTS							
G. OTHER DIRECT COSTS (ITEMIZE ON BUDGET EXPLANATION PAGE)					58,500	
1. MATERIALS AND SUPPLIES							
2. PUBLICATIONS COSTS/DOCUMENTATION/DISSEMINATION							
3. CONSULTANT SERVICES							
4. COMPUTER (ADPE) SERVICES 5 SUBAWARDS						1	
6. OTHER						†	
7. TOTAL OTHER DIRECT COSTS							
H. TOTAL DIRECT COSTS (A THROUGH G)						94,816	
INDIRECT COSTS Rate	Base	То	tal				
Overhead G&A			-				
G&A Fringe							
TOTAL INDIRECT COSTS FCCM						45,038	
L TOTAL DIRECT AND INDIRECT COSTS (H + I)						139,854	
K. FEE (%) BASE \$							
_ COST SHARING						139,854	
M. AMOUNT OF THIS REQUEST			Т	DATE			
PI/PD NAME (TYPED) & SIGNATURE Matthew MacManes				DASEpt	embei	r 26 2014	
Walliow MacMario							
APPERODIC AUGUIODIZED PER MANE (DARPER) A COCA CONTROL				DATE			
OFFEROR'S AUTHORIZED REP. NAME (TYPED) & SIGNATURE			ı				

PROPOSAL BUDGET



YEAR- 2017

PRINCIPAL INVESTIGATOR/PROJECT	DIRECTOR (PI/PD) Matthew D Ma	acManes								
	Man Man									
A. SENIOR PERSONNEL, PI/PD, Co-PI's		Hrs/Mo	Rates		-Mos		Requested by			
List each separately with title, A.7, show no 1 Matthew D MacManes - Pl	ımber in parentheses)	160	75,850	CAL	ACAD	SMR	R Offeror 18,419			
1.		160	75,650			2	18,419			
2.										
3.										
<u>4.</u> 5.										
	I V ON BUDGET EXPLANATION)									
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION) 7. (1) TOTAL SENIOR PERSONNEL (1-6)							18,419			
B. OTHER PERSONNEL (SHOW NUMBE					1					
1.() POST DOCTORAL ASSOCIA				T						
	ECHNICIAN, PROGRAMMER, ETC.)									
3. (1) GRADUATE STUDENTS			•				25,021			
4. (1) UNDERGRADUATE STUDEN	NTS						4,774			
5. () SECRETARIAL - CLERICAL (I	f charged directly)									
6. () OTHER										
7. TOTAL SALARIES AND WAGES (48,214 2,358			
C. FRINGE BENEFITS (IF CHARGED AS							50.572			
<u>TOTAL SALARIES WAGES AND FRI</u> D. PERMANENT EQUIPMENT (LIST IT		СП ІТЕМ	EXCEEDIN	JG \$5 00	0.00		30,372			
ATTACH	EM AND DOLLAR AMOUNT FOR EA	CHILLINI	EXCEEDII	VO \$5,00	0.00.					
ADDITIONAL EXPLANATION PAGE	C IE NECESCADV)									
	~, · · · · · · · · · · · · · · · · · ·									
TOTAL DEDMANENT FOLUDIATION										
TOTAL PERMANENT EQUIPMENT	NATION PAGE)									
TOTAL PERMANENT EQUIPMENT E. TRAVEL (LIST ON BUDGET EXPLAN L. DOMESTIC (INCLUDE CANADA							2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN							2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA							2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN							2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS							2,500			
E. TRAVEL (LIST ON BUDGET EXPLANT 1. DOMESTIC (INCLLIDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$							2,500			
E. TRAVEL (LIST ON BUDGET EXPLANT 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL							2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN- 1. DOMESTIC (INCLUDE CANADA- 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST	MEXICO AND ILS. POSSESSIONS)						2,500			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O	MEXICO AND ILS. POSSESSIONS)									
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE)						2,500 37,000 1,800			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE)						37,000			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE)						37,000			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE)						37,000 1,800			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE)						37,000			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER Grad student tuition 7. TOTAL OTHER DIRECT COSTS	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION						37,000 1,800			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER	MEXICO AND ILS. POSSESSIONS) S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION	Base	To	otal			37,000 1,800 5,456			
E. TRAVEL (I.IST ON BUDGET EXPLAN 1. DOMESTIC (INCLUIDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER Grad student tuition 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH	MEXICO AND U.S. POSSESSIONS) S. N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Rate Overhead	Base	To	otal			37,000 1,800 5,456			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O) 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPUTER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER GRAD SUPPLIES 7. TOTAL OTHER DIRECT COSTS 4. TOTAL OTHER DIRECT COSTS	MEXICO AND U.S. POSSESSIONS) S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Rate Overhead G&A	Base	To	otal			37,000 1,800 5,456			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O) 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPUTER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER Grad student tuition 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS	MEXICO AND U.S. POSSESSIONS) S. N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Rate Overhead	Base	To	otal			37,000 1,800 5,456 97,328			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O) 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPUTER (ADPF) SERVICES 5. SUBAWARDS 6. OTHER GRAD SUPPLIES 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH INDIRECT COSTS)	S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Querhead G&A Fringe FCCM	Base	To	otal			37,000 1,800 5,456 97,328			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER (S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Querhead G&A Fringe FCCM	Base	To	otal			37,000 1,800 5,456 97,328			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O) 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER GRAD GRAD SUPPLIES 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH INDIRECT COSTS) L. TOTAL DIRECT AND INDIRECT COSTS L. COST SHARING	S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Querhead G&A Fringe FCCM	Base	To	otal			37,000 1,800 5,456 97,328 43,639 140,966			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPLITER (ADPE) SERVICES 5. SUBAWARDS 6. OTHER Grad student tuition 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH INDIRECT COSTS) L. TOTAL DIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. COST SHARING M. AMOUNT OF THIS REQUEST	S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Querhead G&A Fringe FCCM	Base	Тс		DATO		37,000 1,800 5,456 97,328 43,639 140,966			
E. TRAVEL (LIST ON BUDGET EXPLAN 1. DOMESTIC (INCLUDE CANADA 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COST G. OTHER DIRECT COSTS (ITEMIZE O) 1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUME 3. CONSULTANT SERVICES 4. COMPUTER (ADPF) SERVICES 5. SUBAWARDS 6. OTHER Grad student tuition 7. TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS L. TOTAL INDIRECT COSTS L. TOTAL INDIRECT AND INDIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. TOTAL DIRECT AND INDIRECT COSTS L. COST SHARING	S N BUDGET EXPLANATION PAGE) ENTATION/DISSEMINATION H G) Querhead G&A Fringe FCCM	Base	Тс		DATSe	ptem	37,000 1,800 5,456 97,328 43,639 140,966			

, BUDGET

YEAR- Summary

OFFEROR								
PRINCIPAL INVESTIGATOR/PROJECT	DIRECTOR (PI/PD)	Matthau D N	4					
TRIVEITAL IIVVESTIGATORT ROJECT	DIRECTOR (TI/TD)	Matthew D N	viacivianes	}				
			Man					Funds
	ERSONNEL, PI/PD, Co-PI's, Faculty and Other Senior Associates Hrs/Mo Rates -Mos							Requested by
(List each separately with title, A.7, show no 1 Matthew D MacManes - Pl	ımber in narentheses)				CAL	ACAD	SMR	Offeror
1.							6	53,662
2.								
3.								
5.								
6.() OTHERS (LIST INDIVIDUAL	LY ON BUDGET EXP	LANATION)						
7. () TOTAL SENIOR PERSONNEI								53,662
B. OTHER PERSONNEL (SHOW NUMBE	ERS IN PARENTHESES	5)						
1.() POST DOCTORAL ASSOCIATES								
2. () OTHER PROFESSIONALS (TI	ECHNICIAN, PROGRA	MMER, ETC.)						00.004
3. (3) GRADUATE STUDENTS								39,231
4. (³) UNDERGRADUATE STUDEN								13,909
5. () SECRETARIAL - CLERICAL (I	f charged directly)							
6.() OTHER	A . D)							106,802
7. TOTAL SALARIES AND WAGES (C. FRINGE BENEFITS (IF CHARGED AS								6,869
TOTAL SALARIES, WAGES AND FRI		3 + C)						113,671
D. PERMANENT EQUIPMENT (LIST IT			ACH ITEM I	EXCEEDIN	NG \$5,00	0.00.		
ATTACH								
ADDITIONAL EXPLANATION PAGES, IF NECESSARY.)								
TOTAL PERMANENT FOUIPMENT								
E. TRAVEL (LIST ON BUDGET EXPLANATION PAGE)								5.000
1. DOMESTIC (INCLUDE CANADA MEXICO AND U.S. POSSESSIONS) 2. FOREIGN								3,000
F. PARTICIPANT SUPPORT COSTS								
1. STIPENDS \$								
2. TRAVEL								
3. SUBSISTENCE								
4. OTHER								
() TOTAL PARTICIPANT COSTS								
G. OTHER DIRECT COSTS (ITEMIZE ON BUDGET EXPLANATION PAGE)								159,000
1. MATERIALS AND SUPPLIES 2. PUBLICATIONS COSTS/DOCUMENTATION/DISSEMINATION								3.600
3. CONSULTANT SERVICES								.,
4. COMPUTER (ADPE) SERVICES								
5. SUBAWARDS 6. OTHER grad student tuition								
7. TOTAL OTHER DIRECT COSTS								5,456
H. TOTAL DIRECT COSTS (A THROUG	H G)							286,727
I INDIRECT COSTS		Rate	Base	To	tal			
	Overhead							
	G&A Fringe							
TOTAL INDIRECT COSTS	FCCM							133,604
L TOTAL DIRECT AND INDIRECT COSTS (H + I)								420,331
K. FEE.(%) BASE.\$ L. COST SHARING								
M. AMOUNT OF THIS REQUEST								420,331
							ber 26, 2014	
						-,		
OFFEROR'S AUTHORIZED REP. NAME	(11PED) & SIGNATU	KE				DATE		
		A						