#### COVER SHEET FOR PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION

FOR CONSIDERATION BY NSF ORGANIZATION UNIT(S) (Indicate the most specific unit known, i.e. program, division, etc.)								FOR NSF USE ONLY		
NATIONAL SCIENCE BOARD							NSF F	PROPOSAL NUMBER		
PROGRAM ANNOUNCEMENT/SOLICITATION NO./CLOSING DATE/if not in response to a program announcement/solicitation enter GPG, NSF 95-27								NOI OORE NOIMBEN		
PROGRAM ANNOUNCEMENT/SOLI	CITATION N	NO./CLOSI	NG DATE/if n	ot in response to a prog	ram announcement/solicitati	on enter GPG, NSF 95-27				
NSF-98		01/01	/00							
DATE RECEIVED	NUMB	ER OF	ER OF COPIES		N ASSIGNED	FUND CO	DDE	FILE LOCATION		
EMPLOYER IDENTIFICATION NUME TAXPAYER IDENTIFICATION NUMB				JS AWARD NO. IF	THIS IS			ITED TO ANOTHER FEDERAL ES, LIST ACRONYMS(S)		
TAXE AT ERIDENTIFICATION NOME	A RENEWAL OR AGENCY? YES									
222023456										
NAME OF ORGANIZATION TO WHIC				ADDRESS		 				
		ONOOLD			iana State U Eu					
Louisiana State University at Eu				POB	SOX 1129					
AWARDEE ORGANIZATION CODE (	IF KNOWN)			Eunic	e, LA 70535-11	.29				
0020123000										
NAME OF PERFORMING ORGANIZA	ATION, IF D	IFFEREN	FROM ABO	VE ADDRESS	S OF PERFORMING (	ORGANIZATION, IF DI	FFERENT, INCL	UDING ZIP CODE		
PERFORMING ORGANIZATION COL		VN)								
		,								
IS AWARDEE ORGANIZATION (Che										
(See GPG II.D.1 For Definitions)			T ORGANIZ	ATION 🛛 SMAI	L BUSINESS 🛛 M	INORITY BUSINESS	WOMAN-O	WNED BUSINESS		
	EDI 4010	) TEST	<b>PROPC</b>	DSAL						
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REQUESTED AMOUNT	PR	ROPOSED	DURATION	(1-60 MONTHS)		REQUESTED STAR	TING DATE			
\$ 479,091			<b>60</b> r	nonths	hs 06/01/00					
CHECK APPROPRIATE BOX(ES) IF		POSAL INC	CLUDES ANY							
<ul> <li>☑ BEGINNING INVESTIGATOR (GF</li> <li>☑ DISCLOSURE OF LOBBYING AC</li> </ul>	,					IMALS (GPG II.D.12) I	ACUC App. Date			
PROPRIETARY & PRIVILEGED IN	•	,			⊠ HUMAN SUBJECTS (GPG II.D.12) Exemption Subsection or IRB App. Date					
☑ NATIONAL ENVIRONMENTAL PC			,		☑ INTERNATIONAL COOPERATIVE ACTIVITIES: COUNTRY/COUNTRIES					
□ HISTORIC PLACES (GPG II.D.10)		(0. 0	,							
SMALL GRANT FOR EXPLOR. R	PG II.D.12)		☐ FACILITATION FOR SCIENTISTS/ENGINEERS WITH DISABILITIES (GPG V.G.)							
GROUP PROPOSAL (GPG II.D.12)					RESEARCH OPPO	ORTUNITY AWARD (G	PG V.H)			
PI/PD DEPARTMENT PI/PD POSTAL ADDRESS Dept. of Computer Studies 8187 West Clark lane										
Dept. of Computer Studie	es		8187 W	est Clark lan	ie					
PI/PD FAX NUMBER			Arling	on, VA 22230	)					
	United		,							
NAMES (TYPED)	TYPED) Socia		Social Security No.* Hig		Telephone Number		Electronic Mail Address			
PI/PD NAME										
Mary L Jones		***_**	*_***	B.S., 1999	703-456-1234	jonesm@lou	ı.edu			
CO-PI/PD										
Paul M Neil		***_**	*_***	Master 199	ster, 1999 703-435-3656		du			
CO-PI/PD				101uster, 1992	700 100 0000	neilp@lou.e	uu			
CO-PI/PD										
CO-PI/PD										
NOTE: THE	FULLY SIG	NED CEP	RTIFICATIO	N PAGE MUST B	E SUBMITTED IMM	EDIATELY FOLLOW	ING THIS COV	ER SHEET.		
*SUBMISSION OF SOCIAL SECUR AN INTEGRAL PART OF THE NSF										

NSF Form 1207 (7/95)

#### EDI\_4010\_TEST\_1

This proposal is being submitted to conduct a test of the application-'Proposal Submission' in EDI format. An EDI equivalent of this proposal will be created and submitted through the EDI submission. The database tables and the printed copies will both be compared for the EDI version and the online version.

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For font size and page formatting specifications, see GPG section II.C.

Section	on	Total No. of Pages in Section	Page No.* (Optional)*	
Cover	Sheet (NSF Form 1207 - Submit Page 2 with original proposal or	nly)		
А	Project Summary (not to exceed 1 page)	1		
В	Table of Contents (NSF Form 1359)	1		
С	Project Description (including Results from Prior NSF Support) (not to exceed 15 pages) (Exceed only if allowed by a specific program announcement/solicitation or if approved in advance by the appropriate NSF Assistant Director or designee)	0		
D	References Cited	1		
Е	Biographical Sketches (Not to exceed 2 pages each)	2		
F	Budget (NSF Form 1030, including up to 3 pages of budget justification)	3		
G	Current and Pending Support (NSF Form 1239)	1		
Н	Facilities, Equipment and Other Resources (NSF Form 1363)	1		
I	Special Information/Supplementary Documentation			
J	Appendix (List below.) (Include only if allowed by a specific program announcement/ solicitation or if approved in advance by the appropriate NSF Assistant Director or designee)			

Appendix Items:

\*Proposers may select any numbering mechanism for the proposal, however, the entire proposal must be paginated. Complete both columns only if the proposal is numbered consecutively.

The project to accept NSF proposals in EDI transaction format 194 is currently in progress.

EDI\_4010\_TEST\_1 Ref-1 Ref-2 Ref-3 Ref-4 This is a test biographical info of Mary JonesContinued first line in MTX03 This is a next line of biographical info of Mary JonesContinued next line in MTX03

This is a test biographical info of Paul Neil This is a next line of biographical info of Paul Neil

SUMMARY PROPOSAL BUDG	ET <sup>YI</sup>		FO	R NSF	USE ONL	Y
ORGANIZATION	PRO	POSAL			- ION (months	
Louisiana State University at Eunice				Proposed		
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		AV		10		
Mary L Jones						
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates		NSF Funde Person-mo	ed		Funds	Funds
(List each separately with title, A.7. show number in brackets)		ACAD		Re	equested By proposer	granted by N (if differen
1. Mary L Jones		8.00		_	1,000	-
2. Kate Monroe		9.00			3,000	Ψ
3. Paul M Neil		4.00			2,000	
4.	5.00	4.00	0.00	<b>'</b>	2,000	
5.						
	0.00	0.00	0.00		0	
6. ( 0) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)					•	
7. ( 3) TOTAL SENIOR PERSONNEL (1 - 6)	15.00	21.00	17.00	<b>'</b>	6,000	
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)	2.00	2.00	2.00		1 200	
1. (2) POST DOCTORAL ASSOCIATES		3.00			1,300	
2. (1) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	4.00	5.00	19.00	<b>)</b>	1,400	
3. ( 4) GRADUATE STUDENTS					2,400	
4. ( 5) UNDERGRADUATE STUDENTS					2,000	
5. ( 3) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					1,200	
6. ( <b>2</b> ) OTHER					1,320	
TOTAL SALARIES AND WAGES (A + B)					15,620	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					2,000	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS $(A + B + C)$					17,620	
Mass Spectrometer	\$	)0.)	5,230		5.230	
TOTAL EQUIPMENT	\$		5,230		<u>5,230</u> 1,200	
TOTAL EQUIPMENT	\$		5,230		5,230 1,200 1,243	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)	\$		5,230		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)	\$ 		5,230		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  E. PARTICIPANT SUPPORT COSTS	\$		5,230		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  F. PARTICIPANT SUPPORT COSTS  1. STIPENDS  \$5,400	\$		5,230		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  F. PARTICIPANT SUPPORT COSTS  1. STIPENDS  2. TRAVEL  1. 230	\$		5,230		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  F. PARTICIPANT SUPPORT COSTS  1. STIPENDS  5,400  2. TRAVEL  1,230  3. SUBSISTENCE  1,295	\$		5,230		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 1. STIPENDS 2. TRAVEL 1. 295	\$		5,230		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 1. STIPENDS 2. TRAVEL 1,230 3. SUBSISTENCE 5. 620		· · · · · · · · · · · · · · · · · · ·			1,200 1,243	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 5.400 2. TRAVEL 1,230 3. SUBSISTENCE 1,295 3. SUBSISTENCE 5.629		· · · · · · · · · · · · · · · · · · ·			1,200	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$         5,400         2. TRAVEL         1,230         3. SUBSISTENCE         4. OTHER         5,629         TOTAL NUMBER OF PARTICIPANTS (5)		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. STIPENDS         2. TRAVEL         1.230         3. SUBSISTENCE         1.295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL PAR         G. OTHER DIRECT COSTS		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. SUBSISTENCE         1. 295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL SUPPLIES		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. SUBSISTENCE         4. OTHER         5,629         TOTAL NUMBER OF PARTICIPANTS (5)		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         9. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. FOREIGN         2. TRAVEL         1. STIPENDS         2. TRAVEL         1. SUBSISTENCE         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL PARTICIPANTS         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. STIPENDS         2. TRAVEL         1. Action         3. SUBSISTENCE         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL PARTICIPANTS         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. STIPENDS         2. TRAVEL         1. ACTION         3. SUBSISTENCE         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL PARTICIPANTS         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER S		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 666	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN 6. OTHER 1,230 3. SUBSISTENCE 1,2295 4. OTHER 5,629 TOTAL NUMBER OF PARTICIPANTS (5) TOTAL PAR G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 5. G. OTHER TOTAL NUMBER OF PARTICIPANTS (5) TOTAL PAR G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G)		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 666	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN 7. TRAVEL 1,230 2. TRAVEL 1,295 3. SUBSISTENCE 1,295 4. OTHER 5,629 TOTAL NUMBER OF PARTICIPANTS (5) TOTAL PAR G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) 1. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)        2. FOREIGN        2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS        1,230         2. TRAVEL        1,230         3. SUBSISTENCE        1,295         4. OTHER        1,295         4. OTHER        1,295         4. OTHER		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 666 16,220 55,067	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1.230         3. SUBSISTENCE         1.2295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL ON COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)         % of MTDC (Rate: 45.0000, Base: 32067)         TOTAL INDIREC		· · · · · · · · · · · · · · · · · · ·			1,200 1,243 13,554 2,222 3,333 4,444 5,555 666 16,220 55,067 14,430	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$         5. SUBSISTENCE         1.295         3. SUBSISTENCE         1.295         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL DUPLES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)         Yo of MTDC (Rate: 45.0000, Ba	TICIPANT	COSTS			1,200 1,243 13,554 2,222 3,333 4,444 5,555 666 16,220 55,067	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1.230         2. TRAVEL         1.230         3. SUBSISTENCE         1.295         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)         3. TOTAL DIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RE	TICIPANT	COSTS			1,200 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220 55,067 14,430 69,497	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)	TICIPANT	COSTS	j.)		1,200 1,243 13,554 2,222 3,333 4,444 5,555 666 16,220 55,067 14,430	\$
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$	TICIPANT	COSTS	j.)		1,200 1,243 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220 55,067 14,430 69,497 69,497	\$
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$         1.2. FOREIGN         2. TRAVEL         1.2.30         2. TRAVEL         1.2.925         3. SUBSISTENCE         1.2.925         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (5)         TOTAL SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)	TICIPANT	G II.D.7.	j.) IT \$ FOR	SF L	1,200 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220 55,067 14,430 69,497 69,497 JSE ONLY	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$		G II.D.7.	i.) IT \$ FOR CT CO	\$	1,200 1,243 1,243 13,554 2,222 3,333 4,444 5,555 6666 16,220 55,067 14,430 69,497 69,497	

NSF Form 1030 (10/98) Supersedes all previous editions

1 \*SIGNATURES REQUIRED ONLY FOR REVISED BUDGET (GPG III.B)

SUMMARY YEAI PROPOSAL BUDGET			FO	OR NSF USE ONLY		Y
ORGANIZATION P					. DURATION (mont	
Louisiana State University at Eunice				Proposed	d Grante	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		AV	VARD N	IO.		
Mary L Jones						
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates		NSF Funde Person-mo		Re	Funds equested By	Funds
(List each separately with title, A.7. show number in brackets)	CAL	ACAD	SUMR		proposer	granted by N (if differen
1. Mary L Jones	9.00	8.00	6.00	\$	2,800	\$
2. Kate Monroe		9.00			5,000	
3. Paul M Neil	8.00	4.00	5.00		4,000	
4.						
5.						
6. ( $0$ ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE		0.00			0	
7. ( $3$ ) TOTAL SENIOR PERSONNEL (1 - 6)	17.00	21.00	15.00		11,800	
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)		6.0.0	6.0.0			
1. ( 2) POST DOCTORAL ASSOCIATES		6.00			2,600	
2. ( 1) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	8.00	10.00	38.00		2,800	
3. ( 4) GRADUATE STUDENTS					4,800	
4. (10) UNDERGRADUATE STUDENTS					1,000	
5. ( 3) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					2,400	
6. ( 2) OTHER					300	
TOTAL SALARIES AND WAGES (A + B)					25,700	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					1,000	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C) D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEED				_	26,700	
TUTAL EQUIPMENT	\$		1,000		<u>1,000</u> 1,200	
TOTAL EQUIPMENT			1,000		1,000 1,200 1,300	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)			1,000		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN			1,000		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 5.400			1,000		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 5.400 1.230			1,000		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  F. PARTICIPANT SUPPORT COSTS  1. STIPENDS  5,400  2. TRAVEL  1,230  1. 1,295			1,000		1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 5.400 2. TRAVEL 1.230 3. SUBSISTENCE 5.620			1,000		1,200	
TOTAL EQUIPMENT  E. TRAVEL  1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)  2. FOREIGN  F. PARTICIPANT SUPPORT COSTS  1. STIPENDS  2. TRAVEL  3. SUBSISTENCE  1,230  3. SUBSISTENCE  1,295	)				1,200	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 5.400 2. TRAVEL 1.230 3. SUBSISTENCE 1.295 4. OTHER 5.629	)				1,200 1,300	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 1,230 3. SUBSISTENCE 1,295 3. SUBSISTENCE 5,629 TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAR	)			-	1,200 1,300 13,554 333	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 1.230 2. TRAVEL 1.230 3. SUBSISTENCE 1.295 3. SUBSISTENCE 5.629 TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAP G. OTHER DIRECT COSTS	)			-	1,200 1,300 13,554 333 444	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 1.230 3. SUBSISTENCE 1.295 3. SUBSISTENCE 1.295 4. OTHER TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAF G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES	)			-	1,200 1,300 13,554 333 444 555	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 1.230 2. TRAVEL 1.230 3. SUBSISTENCE 1.295 3. SUBSISTENCE 1.295 4. OTHER 5.629 TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAF G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION	)				1,200 1,300 13,554 333 444	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN 2. TRAVEL 1,230 3. SUBSISTENCE 1,295 4. OTHER 5,629 TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAR G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS	)				1,200 1,300 1,300 13,554 333 444 555 666	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. FOREIGN         3. SUBSISTENCE         1.230         3. SUBSISTENCE         1.2295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL NUMBER OF PARTICIPANTS (10)         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER	)				1,200 1,300 1,300 13,554 13,554 333 444 555 666 7,777	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. SUBSISTENCE 1,230 3. SUBSISTENCE 1,295 4. OTHER 5,629  TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAF G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS	)				1,200 1,300 1,300 13,554 333 444 555 666 7,777 9,775	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 3. SUBSISTENCE 1,230 3. SUBSISTENCE 1,295 4. OTHER 5,629  TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAF G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G)	)				1,200 1,300 1,300 13,554 13,554 333 444 555 666 7,777	
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. FOREIGN  F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 3. SUBSISTENCE 1,230 3. SUBSISTENCE 1,295 3. SUBSISTENCE 1,295 4. OTHER 5,629  TOTAL NUMBER OF PARTICIPANTS (10) TOTAL PAF G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)	)				1,200 1,300 1,300 13,554 333 444 555 666 7,777 9,775	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)        2. FOREIGN        2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS        1,230         2. TRAVEL        1,295         3. SUBSISTENCE        1,295         4. OTHER        1,295         4. OTHER        1,295         4. OTHER        1,295         5. OTHER	)				1,200 1,300 1,300 13,554 333 444 555 6666 7,777 9,775 53,529	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$	)				1,200 1,300 1,300 1,300 1,300 1,300 13,554 333 444 555 6666 7,777 9,775 53,529 2,800	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS \$	RTICIPANT	COSTS			1,200 1,300 1,300 13,554 333 444 555 6666 7,777 9,775 53,529	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. FOREIGN         2. TRAVEL         1. STIPENDS         1. STIPENDS         2. TRAVEL         1.230         3. SUBSISTENCE         1.295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL NUMBER OF PARTICIPANTS (10)         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)         % of MTDC (Rate: 56.0000, Base: 5000)         IOTAL INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         X. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT	RTICIPANT	COSTS			1,200 1,300 1,00000000	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1.230         3. SUBSISTENCE         1.295         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL NUMBER OF PARTICIPANTS (10)         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)         % of MTDC (Rate: 56.0000, Base: 5000)         TOTAL INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT         L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)	S SEE GP	COSTS	j.)		1,200 1,300 1,300 1,300 1,300 1,300 13,554 333 444 555 6666 7,777 9,775 53,529 2,800	\$
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         8. STIPENDS         1. STIPENDS         1. STIPENDS         1. STIPENDS         1. STIPENDS         1. A230         2. TRAVEL         1. A230         3. SUBSISTENCE         1. A295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL NUMBER OF PARTICIPANTS (10)         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         H. TOTAL DIRECT COSTS (A THROUGH G)         I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)         % of MTDC (Rate: 56.0000, Base: 5000)         TOTAL INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT         L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)         M. COST SHARING PROPOSED LEVEL \$ <td>S SEE GP</td> <td>COSTS</td> <td>j.)</td> <td></td> <td>1,200 1,300 1,400 1,777 1,777 1,777 1,775 1,355 1,555</td> <td>\$</td>	S SEE GP	COSTS	j.)		1,200 1,300 1,400 1,777 1,777 1,777 1,775 1,355 1,555	\$
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         8. SUBSISTENCE         1.230         3. SUBSISTENCE         1.295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL NUMBER OF PARTICIPANTS (10)         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         H. TOTAL DIRECT COSTS (A THROUGH G)         I. INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECT         L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)         M. COST SHARING PROPOSED LEVEL \$         PI / PD TYPED NAME & SIGNATURE*	S SEE GP	G II.D.7.	j.) IT \$ FOR		1,200 1,300 1,777 1,777 1,777 1,777 1,777 1,777 1,53,529 1,564 1,564 1,555 1,564 1,555 1,555 1,555 1,557 1,5	
TOTAL EQUIPMENT         E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         F. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1.230         3. SUBSISTENCE         1.2295         4. OTHER         5.629         TOTAL NUMBER OF PARTICIPANTS (10)         TOTAL SERVICES         S. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)         % of MTDC (Rate: 56.0000, Base: 5000)         TOTAL INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDI		G II.D.7.	i.) IT \$ FOR   CT CO:	\$	1,200 1,300 1,400 1,777 1,777 1,777 1,775 1,355 1,555	

NSF Form 1030 (10/98) Supersedes all previous editions

2\*SIGNATURES REQUIRED ONLY FOR REVISED BUDGET (GPG III.B)

PROPOSAL BUDGET					SE ONL	LY	
ORGANIZATION		PRO	POSAL	NO. C	URATIO	DN (montl	
Louisiana State University at Eunice				F	roposed	d Grante	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		AV	/ARD N	0.			
Mary L Jones			.1			_	
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates		SF Funde erson-mo		Fur Reques	nds sted By	Funds granted by (if differer	
(List each separately with title, A.7. show number in brackets)		ACAD		prop			
1. Mary L Jones		16.00			3,800	\$	
2. Kate Monroe		18.00			<u>8,000</u>		
3. Paul M Neil	13.00	8.00	13.00		6,000		
<u>4.</u>							
5. 6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)	0.00	0.00	0.00		0		
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE) 7. ( 3) TOTAL SENIOR PERSONNEL (1 - 6)		42.00			<u> </u>		
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)	52.00	42.00	52.00	1	7,800		
	0.00	9.00	0.00		3,900		
		<u>9.00</u> 15.00			<u>3,900</u> 4,200		
2. ( 2) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 3. ( 8) GRADUATE STUDENTS	12.00	15.00	57.00		<u>4,200</u> 7,200		
4. (15) UNDERGRADUATE STUDENTS					<u>7,200</u> 3,000		
( )							
5. ( <b>6</b> ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					<u>3,600</u>		
6. ( 4) OTHER					<u>1,620</u>		
TOTAL SALARIES AND WAGES (A + B)					1,320		
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					<u>3,000</u> 4,320		
TOTAL EQUIPMENT	۷G \$5,00 \$	'	6,230		6,230		
	· · · .	'	6,230				
E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN	· · · .	'	6,230		6,230 2,400		
E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN 5. PARTICIPANT SUPPORT COSTS 10 800	· · · .	'	6,230		6,230 2,400		
E. TRAVEL 1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS) 2. FOREIGN 5. PARTICIPANT SUPPORT COSTS 1. STIPENDS \$ 2460	· · · .	'	6,230		6,230 2,400		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. TRAVEL	· · · .	'	6,230		6,230 2,400		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. TRAVEL         3. SUBSISTENCE	· · · .	'	6,230		6,230 2,400		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         3. SUBSISTENCE         4. OTHER					6,230 2,400 2,543		
TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. OTHER         1. OTHER         TOTAL NUMBER OF PARTICIPANTS         1. TOTAL PART					6,230 2,400		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. TRAVEL         3. SUBSISTENCE         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (15)         TOTAL PART         G. OTHER DIRECT COSTS				2	6,230 2,400 2,543 7,108		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         4. OTHER         707 TOTAL NUMBER OF PARTICIPANTS         1. MATERIALS AND SUPPLIES				2	6,230 2,400 2,543 7,108 2,555		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. SUBSISTENCE         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (15)         TOTAL NUMBER OF PARTICIPANTS (2000)         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION				2	6,230 2,400 2,543 7,108 2,555 3,777		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. Subsistence         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (15)         TOTAL PART         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES				2	6,230 2,400 2,543 7,108 2,555 3,777 4,999		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. SP00         3. SUBSISTENCE         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (15)         TOTAL PART         G. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES				2	6,230 2,400 2,543 7,108 2,555 3,777		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         5. PARTICIPANT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS				2	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. TOTAL NUMBER OF PARTICIPANTS ( 15 )         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER				2	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         3. OTHER DIRECT COSTS         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS				2	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         3. SUBSISTENCE         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         4. TOTAL DIRECT COSTS (A THROUGH G)				2	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. FOREIGN         2. FOREIGN         3. SUPPORT SUPPORT COSTS         1. STIPENDS         2. TRAVEL         2. A60         3. SUBSISTENCE         4. OTHER         TOTAL NUMBER OF PARTICIPANTS (         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         4. TOTAL OTHER DIRECT COSTS         4. TOTAL DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)				2 2 10	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         1. STIPENDS         2. TRAVEL         3. SUBSISTENCE         4. OTHER         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         4. TOTAL OTHER DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)				2 2 10	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596		
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         3. SUBSISTENCE         2. TRAVEL         2. Addition         3. SUBSISTENCE         4. OTHER         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         4. TOTAL DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)         5. TOTAL INDIRECT COSTS (F&A)         6. OTHER         1. T				2 2 10 11 12	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230 5,826		
. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. TRAVEL         2. FOREIGN         3. SUBSISTENCE         2. TRAVEL         3. SUBSISTENCE         4. OTHER         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL OTHER DIRECT COSTS         4. TOTAL DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)         2. TOTAL DIRECT AND INDIRECT COSTS (H + I)				2 2 10 11 12	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230	\$	
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         3. SUBSISTENCE         2. TRAVEL         2. TRAVEL         2. TRAVEL         3. SUBSISTENCE         4. OTHER         0. TOTAL NUMBER OF PARTICIPANTS (15)         1. TOTAL OTHER DIRECT COSTS         1. TOTAL DIRECT COSTS (A THROUGH G)         1. INDIRECT COSTS (F&A)         2. TOTAL INDIRECT COSTS (F&A)         3. TOTAL DIRECT COSTS (F&A)         3. TOTAL DIRECT COSTS (F&A)         4. TOTAL DIRECT AND INDIRECT COSTS (H + I)         4. RESIDUAL FUNDS (IF FOR FUR		COSTS		2 2 10 11 12	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230 5,826	\$	
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. TRAVEL         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS         . AMOUNT OF THIS REQUEST (J) OR (J MINUS K)		COSTS	i.)	2 2 10 11 12	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230 5,826 5,826	\$	
E. TRAVEL       1. DOMESTIC (INCL. CANADA AND U.S. POSSESSIONS)         2. FOREIGN         2. TRAVEL         1. MATERIALS AND SUPPLIES         2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION         3. CONSULTANT SERVICES         4. COMPUTER SERVICES         5. SUBAWARDS         6. OTHER         TOTAL DIRECT COSTS (A THROUGH G)         . INDIRECT COSTS (F&A)         J. TOTAL DIRECT COSTS (F&A)         J. TOTAL DIRECT COSTS (F&A)         J. TOTAL DIRECT AND INDIRECT COSTS (H + I)         K. RESIDUAL FUNDS (IF FOR FURTHER		COSTS	i.)	2 2 10 1 1 2 10 \$ 12	6,230 2,400 2,543 7,108 2,555 3,777 4,999 6,221 8,443 5,995 8,596 7,230 5,826 5,826 5,826 0NLY		

NSF Form 1030 (10/98) Supersedes all previous editions

C\*SIGNATURES REQUIRED ONLY FOR REVISED BUDGET (GPG III.B)

# **Current and Pending Support**

(See GPG Section II.D.8 for guidance on information to include on this form.) The following information should be provided for each investigator and other senior personnel. Failure to provide this information may delay consideration of this proposal.
Other agencies (including NSF) to which this proposal has been/will be submitted.
Investigator: Mary Jones
Support: ⊠Current □Pending □Submission Planned in Near Future □*Transfer of Support
Project/Proposal Title: Project Manhattan
Source of Support: DOE
Total Award Amount: \$ 4,500 Total Award Period Covered: 01/01/98 - 01/01/99
Location of Project:
Person-Months Per Year Committed to the Project. Cal:1.43 Acad: 1.73 Sumr: 6.00
Support: Current Pending Submission Planned in Near Future Transfer of Support
Project/Proposal Title:
Source of Support:
Total Award Amount: \$ Total Award Period Covered:
Location of Project:
Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:
Support:   Current  Pending  Submission Planned in Near Future  *Transfer of Support
Project/Proposal Title:
Source of Support:
Total Award Amount: \$ Total Award Period Covered:
Location of Project: Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:
Support: □Current □Pending □Submission Planned in Near Future □*Transfer of Support
Project/Proposal Title:
Source of Support:
Total Award Amount: \$ Total Award Period Covered:
Location of Project:
Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:
Support: Current Pending Submission Planned in Near Future Transfer of Support
Project/Proposal Title:
Source of Support:
Total Award Amount: \$ Total Award Period Covered:
Location of Project:
Person-Months Per Year Committed to the Project. Cal: Acad: Sumr:
*If this project has previously been funded by another agency, please list and furnish information for immediately preceding funding period.

### **FACILITIES, EQUIPMENT & OTHER RESOURCES**

**FACILITIES:** Identify the facilities to be used at each performance site listed and, as appropriate, indicate their capacities, pertinent capabilities, relative proximity, and extent of availability to the project. Use "Other" to describe the facilities at any other performance sites listed and at sites for field studies. USE additional pages as necessary.

Laboratory:	X-ray, InfraRed scanner, Laser Imaging
Clinical:	Centrifuge, Blood Analyser
Animal:	Rhesus monkeys, Type-C1Ze Rabbits, Green Marsh Frogs
Computer:	15 Macs, 25 IBM PCs, 4 As400e
Office:	20000 sq ft of the very best office facility
Other:	<u>A refrigerator, micro</u> wave oven, projection TV with surround sound

**MAJOR EQUIPMENT:** List the most important items available for this project and, as appropriate identifying the location and pertinent capabilities of each.

**Electron Microscope** 

**OTHER RESOURCES:** Provide any information describing the other resources available for the project. Identify support services such as consultant, secretarial, machine shop, and electronics shop, and the extent to to which they will be available for the project. Include an explanation of any consortium/contractual arrangements with other organizations.

Lathes, Milling machines