COVER SHEET FOR PROPOSAL TO THE NATIONAL SCIENCE FOUNDATION

PROGRAM ANNOUNCEMENT/SOLICITATION NO./CLOSING DATE/if not in response to a program announcement/solicitation enter NSF 10-1					FOR NSF USE ONLY				
NSF 10-1						NSF PROPOSAL NUMBER			
FOR CONSIDERATION BY NSF ORGANIZATION UNIT(S) (Indicate the most specific unit known, i.e. program, division, etc.)						C.)	1		
DEB - EVOLU	TIONARY ECOI	LOGY							
DATE RECEIVED	NUMBER OF CO		DIVISION	ASSIGNED	FUND CODE	DUNS# (Data Univers	sal Numbering System)	FILE LOCATION	
						806345617			
TAXPAYER IDENTIFICATION NUMBER (TIN)			A RENEWAL	JS AWARD NO. LISHMENT-BAS		IS THIS PROPOSAL BEING SUBMITTED TO ANOTHER FEDER/ AGENCY? YES ☐ NO ☑ IF YES, LIST ACRONYM(S)			
742652689			AN ACCOMP	LISHIVIEN I-DAS	DED KENEWAL				
	TION TO WHICH AWARE	SHOULI	D BE MADE			 RGANIZATION, INCLUI	DING 9 DIGIT ZIP C	CODE	
University of Arizor	na			I	888 N Euclid Ave				
AWARDEE ORGANIZA	TION CODE (IF KNOWN)				TUCSON, AZ 85721-0001				
0010835000									
NAME OF PERFORMIN	IG ORGANIZATION, IF I	DIFFERE	NT FROM ABO	VE ADDRE	SS OF PERFORMING	ORGANIZATION, IF [DIFFERENT, INCLU	IDING 9 DIGIT ZIP CODE	
PERFORMING ORGAN	PERFORMING ORGANIZATION CODE (IF KNOWN)								
IS AWARDEE ORGANI. (See GPG II.C For Defir		Apply)	☐ SMALL BU	 JSINESS FIT ORGANIZA	☐ MINORITY	BUSINESS	IF THIS IS A PREL IEN CHECK HERE	IMINARY PROPOSAL	
TITLE OF PROPOSED		e 1 of P				22200200			
DECLIFOTED AMOUNT	- 1-	DODOOF	D DUDATION :	// aa 1/au == //a	DECLIFOTED OTAD	TIMO DATE		DELIMINARY PROPOSAL NO	
REQUESTED AMOUNT PROPOSED DURATION (1-60 \$ 36,119 PROPOSED DURATION (1-60			(1-60 MONTHS)	REQUESTED STAR 07/01		SHOW RELATED P F APPLICABLE	HOW RELATED PRELIMINARY PROPOSAL NO. FAPPLICABLE		
CHECK APPROPRIATE BOX(ES) IF THIS PROPOSAL INCLUDES ANY OF THE ITEMS LISTED BELOW					I	_			
☐ BEGINNING INVESTIGATOR (GPG I.G.2) ☐ DISCLOSURE OF LOBBYING ACTIVITIES (GPG II.C.1.e)				☐ HUMAN SUBJECTS (GPG II.D.7) Human Subjects Assurance Number Exemption Subsection or IRB App. Date					
PROPRIETARY & PRIVILEGED INFORMATION (GPG I.D, II.C.1.d)				☐ INTERNATIONAL COOPERATIVE ACTIVITIES: COUNTRY/COUNTRIES INVOLVED					
	☐ HISTORIC PLACES (GPG II.C.2.j) (GPG II.C.2.j)								
☐ EAGER* (GPG II.D.2	,		,			ION CDADINGC/OTHE			
	ASSURANCE NUMBER	С Арр. Да	ate			ION GRAPHICS/OTHE ION IS REQUIRED FO		PRETATION (GPG I.G.1)	
PI/PD DEPARTMENT			PI/PD POS	TAL ADDRESS	. D. 21.12				
Sponsored Proj	ects		601 Ad	ministration	n Building				
PI/PD FAX NUMBER	1 ucson, AZ 05/21								
520-626-4130 NAMES (TYPED)		High D	United	States Yr of Degree	Telephone Number		Electronic Mail Address		
PI/PD NAME		nigii D	legree	Ti oi Degree	r elephone Numbe	ei ei	Electronic Ma	all Address	
Mary Gerrow		BS		1997	602-621-221	1 marvo@11	arizona.edu		
CO-PI/PD		D 0		1///	002-021-221	maryge u.	ar izona.cuu		
CO-PI/PD	D-PI/PD								
CO-PI/PD	D-PI/PD								
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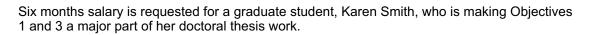
SUMMARY YEAR 1
PROPOSAL BUDGET FOR NSF USE ONLY

ORGANIZATION				NO.	NO. DURATION (months)		
University of Arizona					Proposed	Granted	
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR			WARD N	Ο.			
Mary Gerrow							
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates		NSF Fund Person-mo	ded nths	F	unds lested By	Funds	
(List each separately with title, A.7. show number in brackets)	CAL	ACAD	SUMR	pr	oposer	granted by NSF (if different)	
1. Mary Gerrow - Principal Investigator	0.00	0.00	0.00	\$	0	\$	
2.							
3.							
4.							
5.							
6. (0) OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE)	0.00	0.00	0.00		0		
7. (1) TOTAL SENIOR PERSONNEL (1 - 6)	0.00	0.00	0.00		0		
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. (0) POST DOCTORAL SCHOLARS	0.00	0.00	0.00		0		
2. (0) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	0.00	0.00	0.00		0		
3. (1) GRADUATE STUDENTS					18,039		
4. (0) UNDERGRADUATE STUDENTS					0		
5. (1) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					0		
6. (0) OTHER					0		
TOTAL SALARIES AND WAGES (A + B)					18,039		
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					7,684		
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					25,723		
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEED	ING \$5 (000)			20,720		
B. Eggii MENT (EIGT TEM / M.B. BOLLS M. / MIGGINT FOR EXCILED	το φο,	,00.,					
TOTAL FOLIDMENT							
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA. MEXICO AND U.S. POSSE	SSIONIS	.,			0 0		
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN					0		
2. TOTALION					U		
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$							
n							
Z. TRAVEL							
3. SUBSISTENCE							
4. OTHER —————							
TOTAL NUMBER OF PARTICIPANTS (0) TOTAL PARTICIPANT COSTS				0			
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES				0			
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION				0			
3. CONSULTANT SERVICES				0			
4. COMPUTER SERVICES				0			
5. SUBAWARDS				0			
6. OTHER					0		
TOTAL OTHER DIRECT COSTS					0		
H. TOTAL DIRECT COSTS (A THROUGH G)					25,723		
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)							
MTDC (Rate: 51.5000, Base: 20186)							
TOTAL INDIRECT COSTS (F&A)					10,396		
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					36,119		
K. RESIDUAL FUNDS					0		
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)				\$	36,119	\$	
M. COST SHARING PROPOSED LEVEL \$ 0 AGREED LEVEL IF DIFFERENT \$							
PI/PD NAME FOR N				NSF US	E ONLY		
Mary Gerrow INDIRECT COS					ST RATE VERIFICATION		
ORG. REP. NAME*	Da	ate Checke	d Dat	e Of Rate	Sheet	Initials - ORG	
	- 1		1				

SUMMARY Cumulative
PROPOSAL BUDGET FOR NSF USE ONLY

ORGANIZATION				NO.	NO. DURATION (mo	
University of Arizona					Proposed	Granted
PRINCIPAL INVESTIGATOR / PROJECT DIRECTOR		A\	AWARD NO.		 	
Mary Gerrow						
A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates		NSF Fund Person-mo		Regu	unds ested By	Funds granted by NSF
(List each separately with title, A.7. show number in brackets)	CAL		SUMR	pro		granted by NSF (if different)
1. Mary Gerrow - Principal Investigator	0.00	0.00	0.00	\$	0	\$
2.						
3.						
4.						
5.						
6. () OTHERS (LIST INDIVIDUALLY ON BUDGET JUSTIFICATION PAGE	'			1	0	
7. (1) TOTAL SENIOR PERSONNEL (1 - 6)	0.00	0.00	0.00		0	
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. (0) POST DOCTORAL SCHOLARS	0.00				0	
2. (0) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)	0.00	0.00	0.00		0	
3. (1) GRADUATE STUDENTS					18,039	
4. (0) UNDERGRADUATE STUDENTS					0	
5. (0) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)					0	
6. (0) OTHER					0	
TOTAL SALARIES AND WAGES (A + B)					18,039	
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)					7,684	
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A + B + C)					25,723	
D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEE	DING \$5,	000.)				
TOTAL EQUIPMENT					0	
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSS	ESSIONS	S)			0	
2. FOREIGN					0	
				-		
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$						
Z. IRAVEL						
3. SUBSISTENCE						
4. OTHER						
TOTAL NUMBER OF PARTICIPANTS (0) TOTAL PARTICIPANT COSTS					0	
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES					0	
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION					0	
3. CONSULTANT SERVICES					0	
4. COMPUTER SERVICES					0	
5. SUBAWARDS					0	
6. OTHER					0	
TOTAL OTHER DIRECT COSTS					0	
H. TOTAL DIRECT COSTS (A THROUGH G)					25,723	
I. INDIRECT COSTS (F&A)(SPECIFY RATE AND BASE)						
					10,396	
TOTAL INDIRECT COSTS (F&A)						
J. TOTAL DIRECT AND INDIRECT COSTS (H + I)					36,119	
K. RESIDUAL FUNDS					0	
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)				\$	36,119	\$
M. COST SHARING PROPOSED LEVEL \$ 0 AGREED L	EVEL IF	DIFFERE	NT\$			
PI/PD NAME FOR N					E ONLY	
Mary Gerrow		INDIR	ECT COS	ST RAT	E VERIFIC	CATION
ORG. REP. NAME*	D	ate Checked	J Dat	e Of Rate	Sheet	Initials - ORG

Budget Justification Page



NOTE: Do NOT describe the contribution by the PI in this section if the PI has not requested salary support.

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:
Clinical:
Animal:
Computer:
Office:
Other:
MAJOR EQUIPMENT: List the most important items available for this project and, as appropriate identifying the location and pertinent capabilities of each.

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 which they will be available for the project. Include an explanation of any consortium/contractual arrangements with other organizations.

The PI will supervise the graduate student, and complete the statistical analysis required for the project.

NOTE: The description should be narrative in nature and must NOT include any quantifiable financial information. Reviewers will be directed to this section and will evaluate the information during the review process.

Current and Pending Support (See GPG Section II.C.2.h 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 propos
Other agencies (including NSF) to which this proposal has been/will be submitted. Investigator: Mary Gerrow
Support: ☐ Current ☑ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support Project/Proposal Title: Test proposal for cost sharing (This Proposal)
Source of Support: NSF Total Award Amount: \$ 36,119 Total Award Period Covered: 07/01/11 - 06/30/12 Location of Project: University of Arizona Person-Months Per Year Committed to the Project. Cal:0.00 Acad: 1.00 Sumr: 0.00
Support: ☑ Current ☐ Pending ☐ Submission Planned in Near Future ☐ *Transfer of Support Project/Proposal Title: Entering proposals in Fastlane
Source of Support: NIH Total Award Amount: \$ 10,000 Total Award Period Covered: 01/01/11 - 12/31/12 Location of Project: University of Arizona Person-Months Per Year Committed to the Project. Cal:0.00 Acad: 2.00 Sumr: 0.00
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: Summ: