

SUMMARY PROPOSAL BUDGET				YEAR 1 FOR NSF USE ONLY		
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS)
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By
				CAL	ACAD	Proposer
1. William Riley Casper					2.00	\$11,787
2.						\$0
3.						\$0
4.						\$0
5.						\$0
6. ( 0 ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)						\$0
7. ( 1 ) TOTAL SENIOR PERSONNEL (1-6)						\$11,787
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. ( 0 ) POST DOCTORAL ASSOCIATES						\$0
2. ( 0 ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)						\$0
3. ( 0 ) GRADUATE STUDENTS						\$0
4. ( 0 ) UNDERGRADUATE STUDENTS						\$0
5. ( 0 ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)						\$0
6. ( 0 ) OTHER						\$0
TOTAL SALARIES AND WAGES (A+B)						\$11,787
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate						\$5,186
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$16,973
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)						
TOTAL EQUIPMENT						\$0
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)						\$4,000
2. FOREIGN						\$4,000
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$ _____ \$0						
2. TRAVEL _____ \$0						
3. SUBSISTENCE _____ \$0						
4. OTHER _____ \$0						
TOTAL NUMBER OF PARTICIPANTS( 0 )				TOTAL PARTICIPANT COSTS		\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						\$4,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER SERVICES						\$0
5. SUBAWARDS						\$0
6. OTHER						\$0
TOTAL OTHER DIRECT COSTS						\$4,000
H. TOTAL DIRECT COSTS (A THROUGH G)						\$28,973
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)						
Base = MTDC = H-D-F+first 25K of each subaward = \$28,973						
TOTAL INDIRECT COSTS (F&A) Rate 48.0%						\$13,907
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$42,880
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)						
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)						\$42,880
M. COST SHARING: PROPOSED LEVEL \$ \$0				AGREED LEVEL IF DIFFERENT \$		
PI/PD TYPED NAME William Riley Casper				DATE	FOR NSF USE ONLY	
ORG. REP. TYPED NAME Darya Courville, Executive Director, Sponsored Programs				DATE	INDIRECT COST RATE VERIFICATION	
				Date Checked	Date of Rate Sheet	Initials-ORG

SUMMARY PROPOSAL BUDGET				YEAR 2 FOR NSF USE ONLY		
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS) Proposed      Granted
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By
				CAL	ACAD	SUMR
1. William Riley Casper						\$12,258
2.						\$0
3.						\$0
4.						\$0
5.						\$0
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)						\$0
7. ( ) TOTAL SENIOR PERSONNEL (1-6)						\$12,258
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. ( ) POST DOCTORAL ASSOCIATES						\$0
2. ( ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)						\$0
3. ( ) GRADUATE STUDENTS						\$0
4. ( ) UNDERGRADUATE STUDENTS						\$0
5. ( ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)						\$0
6. ( ) OTHER						\$0
TOTAL SALARIES AND WAGES (A+B)						\$12,258
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate						\$5,394
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$17,652
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)						
TOTAL EQUIPMENT						
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)						\$4,000
2. FOREIGN						\$4,000
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$ _____						
2. TRAVEL _____						
3. SUBSISTENCE _____						
4. OTHER _____						
TOTAL NUMBER OF PARTICIPANTS( )				TOTAL PARTICIPANT COSTS		\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						\$1,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER SERVICES						\$0
5. SUBAWARDS						\$0
6. OTHER						\$0
TOTAL OTHER DIRECT COSTS						\$1,000
H. TOTAL DIRECT COSTS (A THROUGH G)						\$26,652
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)						
Base = MTDC = H-D-F+first 25K of each subaward = \$26,652						
TOTAL INDIRECT COSTS (F&A) Rate 48.0%						\$12,793
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$39,445
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)						
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)						\$39,445
M. COST SHARING: PROPOSED LEVEL \$ \$0				AGREED LEVEL IF DIFFERENT \$		
PI/PD TYPED NAME William Riley Casper				DATE	FOR NSF USE ONLY	
ORG. REP. TYPED NAME Darya Courville, Executive Director, Sponsored Programs				DATE	INDIRECT COST RATE VERIFICATION	
				Date Checked	Date of Rate Sheet	Initials-ORG

SUMMARY PROPOSAL BUDGET				YEAR 3 FOR NSF USE ONLY			
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS)	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By	Funds Granted by NSF
				CAL	ACAD	SUMR	Proposer (If Different)
1. William Riley Casper							\$12,748
2.							\$0
3.							\$0
4.							\$0
5.							\$0
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)							\$0
7. ( ) TOTAL SENIOR PERSONNEL (1-6)							\$12,748
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( ) POST DOCTORAL ASSOCIATES							\$0
2. ( ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)							\$0
3. ( ) GRADUATE STUDENTS				\$0			
4. ( ) UNDERGRADUATE STUDENTS				\$0			
5. ( ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)				\$0			
6. ( ) OTHER				\$0			
TOTAL SALARIES AND WAGES (A+B)				\$12,748			
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate				\$5,609			
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)				\$18,357			
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)							
TOTAL EQUIPMENT							
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)				\$4,000			
2. FOREIGN				\$4,000			
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$ _____							
2. TRAVEL _____							
3. SUBSISTENCE _____							
4. OTHER _____							
TOTAL NUMBER OF PARTICIPANTS( )				TOTAL PARTICIPANT COSTS		\$0	
G. OTHER DIRECT COSTS							
1. MATERIALS AND SUPPLIES				\$1,000			
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION				\$0			
3. CONSULTANT SERVICES				\$0			
4. COMPUTER SERVICES				\$0			
5. SUBAWARDS				\$0			
6. OTHER				\$0			
TOTAL OTHER DIRECT COSTS				\$1,000			
H. TOTAL DIRECT COSTS (A THROUGH G)				\$27,357			
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)							
Base = MTDC = H-D-F+first 25K of each subaward = \$27,357							
TOTAL INDIRECT COSTS (F&A) Rate 48.0%				\$13,131			
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)				\$40,488			
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)							
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)				\$40,488			
M. COST SHARING: PROPOSED LEVEL \$				AGREED LEVEL IF DIFFERENT \$			
PI/PD TYPED NAME		DATE	FOR NSF USE ONLY				
William Riley Casper			INDIRECT COST RATE VERIFICATION				
ORG. REP. TYPED NAME		DATE	Date Checked	Date of Rate Sheet	Initials-ORG		
Darya Courville, Executive Director, Sponsored Programs							

SUMMARY PROPOSAL BUDGET				YEAR 4 FOR NSF USE ONLY			
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS)	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By	Funds Granted by NSF
				CAL	ACAD	SUMR	Proposer (If Different)
1. William Riley Casper							\$0
2.							\$0
3.							\$0
4.							\$0
5.							\$0
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)							\$0
7. ( ) TOTAL SENIOR PERSONNEL (1-6)							\$0
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( ) POST DOCTORAL ASSOCIATES							\$0
2. ( ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)							\$0
3. ( ) GRADUATE STUDENTS							\$0
4. ( ) UNDERGRADUATE STUDENTS							\$0
5. ( ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)							\$0
6. ( ) OTHER							\$0
TOTAL SALARIES AND WAGES (A+B)							\$0
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate							\$0
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)							\$0
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)							
TOTAL EQUIPMENT							
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)							\$0
2. FOREIGN							\$0
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$							
2. TRAVEL							
3. SUBSISTENCE							
4. OTHER							
TOTAL NUMBER OF PARTICIPANTS( )				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)							\$0
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)							
Base = MTDC = H-D-F+first 25K of each subaward = \$0							
TOTAL INDIRECT COSTS (F&A) Rate 0.0%							\$0
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)							\$0
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)							
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)							\$0
M. COST SHARING: PROPOSED LEVEL \$				AGREED LEVEL IF DIFFERENT \$			
PI/PD TYPED NAME William Riley Casper				DATE	FOR NSF USE ONLY		
ORG. REP. TYPED NAME Darya Courville, Executive Director, Sponsored Programs				DATE	INDIRECT COST RATE VERIFICATION		
				Date Checked	Date of Rate Sheet	Initials-ORG	

SUMMARY PROPOSAL BUDGET				YEAR 5 FOR NSF USE ONLY			
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS)	
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		Proposed	Granted
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By	Funds Granted by NSF
				CAL	ACAD	SUMR	Proposer (If Different)
1. William Riley Casper							\$0
2.							\$0
3.							\$0
4.							\$0
5.							\$0
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)							\$0
7. ( ) TOTAL SENIOR PERSONNEL (1-6)							\$0
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
1. ( ) POST DOCTORAL ASSOCIATES							\$0
2. ( ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)							\$0
3. ( ) GRADUATE STUDENTS							\$0
4. ( ) UNDERGRADUATE STUDENTS							\$0
5. ( ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)							\$0
6. ( ) OTHER							\$0
TOTAL SALARIES AND WAGES (A+B)							\$0
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate							\$0
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)							\$0
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)							
TOTAL EQUIPMENT							
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)							\$0
2. FOREIGN							\$0
F. PARTICIPANT SUPPORT COSTS							
1. STIPENDS \$ _____							
2. TRAVEL _____							
3. SUBSISTENCE _____							
4. OTHER _____							
TOTAL NUMBER OF PARTICIPANTS( )				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)							\$0
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)							
Base = MTDC = H-D-F+first 25K of each subaward = \$0							
TOTAL INDIRECT COSTS (F&A) Rate 0.0%							\$0
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)							\$0
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)							
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)							\$0
M. COST SHARING: PROPOSED LEVEL \$				AGREED LEVEL IF DIFFERENT \$			
PI/PD TYPED NAME William Riley Casper				DATE	FOR NSF USE ONLY		
ORG. REP. TYPED NAME Darya Courville, Executive Director, Sponsored Programs				DATE	INDIRECT COST RATE VERIFICATION		
				Date Checked	Date of Rate Sheet	Initials-ORG	

SUMMARY PROPOSAL BUDGET				COMPOSITE FOR NSF USE ONLY		
ORGANIZATION <b>Louisiana State University and Agricultural and Mechanical College</b>				PROPOSAL NO.		DURATION (MONTHS)
PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR <b>William Riley Casper</b>				AWARD NO.		
A. SENIOR PERSONNEL: PI/PD, Co-PI'S, Faculty and Other Senior Associates (List each separately with name and title, A.7. Show number in brackets)				NSF-Funded Person-months		Funds Requested By
				CAL	ACAD	Proposer
1. William Riley Casper						\$36,793
2.						\$0
3.						\$0
4.						\$0
5.						\$0
6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)						\$0
7. ( ) TOTAL SENIOR PERSONNEL (1-6)						\$36,793
B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)						
1. ( ) POST DOCTORAL ASSOCIATES						\$0
2. ( ) OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)						\$0
3. ( ) GRADUATE STUDENTS						\$0
4. ( ) UNDERGRADUATE STUDENTS						\$0
5. ( ) SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)						\$0
6. ( ) OTHER						\$0
TOTAL SALARIES AND WAGES (A+B)						\$36,793
C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS) (A.7+B.1+B.2+B.5) * Rate						\$16,189
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)						\$52,982
D. PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000)						
TOTAL EQUIPMENT						\$0
E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)						\$12,000
2. FOREIGN						\$12,000
F. PARTICIPANT SUPPORT COSTS						
1. STIPENDS \$ _____ \$0						
2. TRAVEL _____ \$0						
3. SUBSISTENCE _____ \$0						
4. OTHER _____ \$0						
TOTAL NUMBER OF PARTICIPANTS( )				TOTAL PARTICIPANT COSTS		\$0
G. OTHER DIRECT COSTS						
1. MATERIALS AND SUPPLIES						\$6,000
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION						\$0
3. CONSULTANT SERVICES						\$0
4. COMPUTER SERVICES						\$0
5. SUBAWARDS						\$0
6. OTHER						\$0
TOTAL OTHER DIRECT COSTS						\$6,000
H. TOTAL DIRECT COSTS (A THROUGH G)						\$82,982
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE)						
Base = MTDC = H-D-F+first 25K of each subaward = \$82,982						
TOTAL INDIRECT COSTS (F&A) Rate 48.0%						\$39,831
J. TOTAL DIRECT AND INDIRECT COSTS (H+I)						\$122,813
K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)						\$0
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)						\$122,813
M. COST SHARING: PROPOSED LEVEL \$ _____ \$0				AGREED LEVEL IF DIFFERENT \$ _____		
PI/PD TYPED NAME William Riley Casper				DATE	FOR NSF USE ONLY	
ORG. REP. TYPED NAME Darya Courville, Executive Director, Sponsored Programs				DATE	INDIRECT COST RATE VERIFICATION	
				Date Checked	Date of Rate Sheet	Initials-ORG