

CUMULATIVE

PROPOSAL NO	SUMMARY PROPOSAL BUDGET					FOR NSF USE ONL	Y	
PRINCIPLE NEESTRACTORYPOLECT DIRECTOR Salvatore Rappoceto Principle Pr	ORGANIZATION			PROPOS	PROPOSAL NO. DURATION (MONTHS)			
PRINCIPAL INVESTIGATION PROJECT DIRECTOR Salvatore Rappoccio Produce	The Research Foundation for SUNY, University at Buffalo				Proposed	Granted		
A SENDR PRESONNEL PIPP, CO-PTE, Faculty and Other Sener Associates NSF Funds Funds Person Requised By Funds Rappocial with this Art 3 - show number in trackets) CAL ACAD SUMB Proposed Granded by NSF	PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR		AWA	RD NO.				
Call classics separately with life. A 7, show number in backets) Personation Sulvatore Rappoccio Pf	Salvatore Rappoccio							
Salvatore Rappoccio P1	. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates NSF			NSF Funded		Funds	Funds	
1. Salvatore Rappoecio PI	(List each separately with title, A.7. show number in brackets)		Person-mos.			Requested By	Granted by NSF	
2			CAL	ACAD	SUMR	Proposer	(If Different)	
3.	1. Salvatore Rappoccio PI				6.0	\$ 48,626		
A	2.							
S	3.							
S. () OTHERS (LIST INDIVIDUALLY ON BURGET EXPLANATION PAGE)	4.							
Total Senor Personnel (14-0)	5.							
S. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)								
1. () POST DOCTORAL ASSOCIATES 3.6 154,244	7. (1) TOTAL SENIOR PERSONNEL (1-6)				6.00	48,626		
2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 91,812 4. () UNDERGORADUATE STUDENTS 91,812 5. () SECRETARIA - CLERICAL (IF CHARGED DIRECTLY) 924,683 5. () SECRETARIA - CLERICAL (IF CHARGED DIRECTLY) 924,683 5. () SECRETARIA - CLERICAL (IF CHARGED DIRECTLY) 98,554 5. () SECRETARIA - CLERICAL (IF CHARGED SA DIRECT COSTS) 98,554 5. () SECRETARIA - SEC	3. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)							
2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.) 9,12 3. () BINDERGRADUATE STUDENTS 91,81 4. () UNDERGRADUATE STUDENTS 91,81 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 924,683 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,554 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,152 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,152 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,100 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 89,100 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 85,75,755 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 85,75,755 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 85,75,755 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 99,12 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY) 99,12 5. () SUBDICATION COSTS (IF A) (IF CHARGED DIRECTLY (INCL.) 99,12 5. () SEPERABILL - CLERICAL (IF CHARGED DIRECTLY (I	1. (1) POST DOCTORAL ASSOCIATES		36	T		154,244		
1,	2. () OTHER PROFESSIONALS (TECHNICIAN, PROGRAMMER, ETC.)					Í		
S. (3. (###) GRADUATE STUDENTS					91,812		
OTHER	4. () UNDERGRADUATE STUDENTS							
TOTAL SALARIES AND WAGES (A-B) C. FRINGE BENETTS (IF CHARGED AS DIRECT COSTS) TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A-B+C) D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.) TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A-B+C) D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.) TOTAL EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.) TOTAL 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) 2. FOREIGN 3. SUBSISTENCE 4. OTHER (1) TOTAL PARTICIPANT COSTS 3. SUBSISTENCE 4. OTHER (1) TOTAL PARTICIPANT COSTS (2) PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTES SERVICES 5. SUBAWARDS 6. OTHER 1. TOTAL DIRECT COSTS (A THROUGH G) 3. TOTAL DIRECT COSTS (A THROUGH G) 4. TOTAL DIRECT COSTS (A THROUGH G) 5. SUBAWARDS 6. OTHER 1. TOTAL DIRECT COSTS (A THROUGH G) 1. TOTAL DIRECT COSTS (A THROUGH G) 5. SUBAWARDS 6. OTHER 1. TOTAL DIRECT COSTS (A THROUGH G) 6. OTHER 1. TOTAL DIRECT COSTS (A THROUGH G) 7. TOTAL DIRECT COSTS (A THROUGH G) 8. STR, 755 8. M. COST SHARING: PROPOSED LEVEL \$ 1. MADIANT OF THIS RECUEST S (L) OR (MINUS K) 1. STR, 75C NORTH S RECUEST S (L) OR (MINUS K) 1. STR, 75C NORTH S RECUEST S (L) OR (MINUS K) 1. STR, 75C NORTH S RECUEST S (L) OR (MINUS K) 1. MORICOT COSTS (A SIGNATURE' DATE OR (A THROUGH G) Initials - ORG INITIALS -	5. () SECRETARIAL - CLERICAL (IF CHARGED DIRECTLY)							
C. FRINGE BENEFITS (F CHARGED AS DIRECT COSTS) TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C) D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.) TOTAL EQUIPMENT E. TRAVEL D. L. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL D. STIPENDS 2. TRAVEL D. STIPENDS 3. SUBSISTENCE D. MATERIALS AND SUPPLIES 1. MATERIALS AND SUPPLIES 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 5. SUBAWARDS 4. COMPUTER SERVICES 5. SUBAWARDS 5. SUBAWARDS 6. OTHER DIRECT COSTS TUITION 13,740 TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS (F&A) 1. TOTAL DIRECT COSTS (FAA) 149,563 J. TOTAL INDIRECT COSTS (FAB) J. TOTAL DIRECT C								
C. FRINGE BENEFITS (F CHARGED AS DIRECT COSTS) TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C) D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.) TOTAL EQUIPMENT E. TRAVEL D. L. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL D. STIPENDS 2. TRAVEL D. STIPENDS 3. SUBSISTENCE D. MATERIALS AND SUPPLIES 1. MATERIALS AND SUPPLIES 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 5. SUBAWARDS 4. COMPUTER SERVICES 5. SUBAWARDS 5. SUBAWARDS 6. OTHER DIRECT COSTS TUITION 13,740 TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS TOTAL OTHER DIRECT COSTS (F&A) 1. TOTAL DIRECT COSTS (FAA) 149,563 J. TOTAL INDIRECT COSTS (FAB) J. TOTAL DIRECT C						294 683		
TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A-B-C) D. 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) 2. FOREIGN F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL () YOTAL PARTICIPANT COSTS () OTHER () YOTAL PARTICIPANT COSTS 3. SUBSISTENCE 4. OTHER () YOTAL PARTICIPANT COSTS 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER IDIRECT COSTS (ATHROUGH G) 1. TOTAL OTHER DIRECT COSTS (A THROUGH G) 1. NOTRECT COSTS (F&A) 3. TOTAL OTHER DIRECT COSTS (H=I) 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER 1. TOTAL DIRECT COSTS (A THROUGH G) 1. NOTRECT COSTS (FAA) 3. TOTAL OTHER DIRECT COSTS (H=I) 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER 1. STR. STS 5. STR. STS 6. M. COST SHARING: PROPOSED LEVEL S M. COST SHARING: PROPOSED LEVEL S M. COST SHARING: PROPOSED LEVEL S NOT HUS THIS REQUEST LO OR O MINUS K) 1. STR. STS 1. STR. STS 1. STR. STR. STR. STR. STR. STR. STR. STR	C. FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)							
D. 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) 2. FOREIGN 3.1,216 F. PARTICIPANT SUPPORT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION OCOSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER DIRECT COSTS 6. OTHER DIRECT COSTS 7. MATERIALS AND SUPPLIES 9. PUBLICATION OCOSTS/DOCUMENTATION/DISSEMINATION 1. MATERIALS AND SUPPLIES 1. MATERIALS AND SUPPLIES 2. PUBLICATION OCOSTS/DOCUMENTATION/DISSEMINATION 1. MATERIALS AND SUPPLIES 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER DIRECT COSTS (THROUGH G) 1. INDIRECT COSTS (FAA) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (FOR AN) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (FOR AN) (SPECIFY RATE AND BASE) TOTAL PUBLIC (FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.T,j.) L. AMOUNT OF THIS REQUES (JO RI (J MINUS K) S. SUBAWARDS (SPECIFY RATE AND BASE) TOTAL PROPOSED LEVEL S AGREED LEVEL IF DIFFERENT S PUPD TYPED NAME & SIGNATURE* DATE DATE DATE DATE DATE INDIRECT COST RATE VERIFICATION INDIRECT COST RATE VERIFICATION INST. REP. TYPED NAME & SIGNATURE* DATE DATE DATE DATE DATE INDIRECT COST RATE VERIFICATION INST. REP. TYPED NAME & SIGNATURE* DATE D	·							
TOTAL EQUIPMENT E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER 4. OTHER 5. SUBSISTENCE 5.	D. EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM EXCEEDING \$5,000.)					301,230		
E. TRAVEL 1. DOMESTIC (INCL CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER 4. OTHER ())TOTAL PARTICIPANT COSTS 1. MATERIALS AND SUPPLIES 5. SUBSURVANDS 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 5. SUBSURVANDS 5. SUBSURVANDS 5. SUBAWARDS 6. OTHER DIRECT COSTS 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 5. SUBAWARDS 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 8. STR,755 S. M. COST SHARING: PROPOSED LEVEL 5. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 8. SIGNATURE* 8. DATE 5. DATE 5. SPISE ONLY 1. INDIRECT COST RATE VERIFICATION 1. INDIRECT	,							
E. TRAVEL 1. DOMESTIC (INCL CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER 4. OTHER ())TOTAL PARTICIPANT COSTS 1. MATERIALS AND SUPPLIES 5. SUBSURVANDS 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 5. SUBSURVANDS 5. SUBSURVANDS 5. SUBAWARDS 6. OTHER DIRECT COSTS 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 5. SUBAWARDS 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 8. STR,755 S. M. COST SHARING: PROPOSED LEVEL 5. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 8. SIGNATURE* 8. DATE 5. DATE 5. SPISE ONLY 1. INDIRECT COST RATE VERIFICATION 1. INDIRECT								
E. TRAVEL 1. DOMESTIC (INCL CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER 4. OTHER ())TOTAL PARTICIPANT COSTS 1. MATERIALS AND SUPPLIES 5. SUBSURVANDS 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 5. SUBSURVANDS 5. SUBSURVANDS 5. SUBAWARDS 6. OTHER DIRECT COSTS 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 5. SUBAWARDS 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 8. STR,755 S. M. COST SHARING: PROPOSED LEVEL 5. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 8. SIGNATURE* 8. DATE 5. DATE 5. SPISE ONLY 1. INDIRECT COST RATE VERIFICATION 1. INDIRECT								
E. TRAVEL 1. DOMESTIC (INCL CANADA, MEXICO AND U.S. POSSESSIONS) 2. FOREIGN 31,216 F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER 4. OTHER ())TOTAL PARTICIPANT COSTS 1. MATERIALS AND SUPPLIES 5. SUBSURVANDS 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 5. SUBSURVANDS 5. SUBSURVANDS 5. SUBAWARDS 6. OTHER DIRECT COSTS 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 5. SUBAWARDS 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 6. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 7. STR,755 S. M. RESIDUAL FUNDS (IF FOR FURTHERS BUPPORT OF CURRENT PROJECTS SEE GPG II.D.T.) 8. STR,755 S. M. COST SHARING: PROPOSED LEVEL 5. AGREED LEVEL IF DIFFERENT 5. SUBAWARDS 8. SIGNATURE* 8. DATE 5. DATE 5. SPISE ONLY 1. INDIRECT COST RATE VERIFICATION 1. INDIRECT								
2. FOREIGN 5. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COSTS 5. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 7. COMPUTER SERVICES 6. OTHER DIRECT COSTS 7. SUBMANDS 6. OTHER DIRECT COSTS 7. Tuition 13,740 Other 13,740 Other 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS (A THROUGH G) 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS (A THROUGH G) 149,192 7. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT AND INDIRECT COSTS (H+I) 7. K. RESIDUAL FUNDS (F FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.) 7. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) 578,755 SMC COST SHARING: PROPOSED LEVEL S AGREED LEVEL IF DIFFERENT SMC SIGNATURE* 8. AGREED LEVEL IF DIFFERENT SMC STARTE VERIFICATION 1. INDIRECT COSTS RATE VERIFICATION 1. STARTE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SIGNATURE SMC SALVAGE SIGNATURE SMC SALVAGE SIGNATURE SMC SALVAGE SIGNATURE SMC SALVAGE SIGNATURE* 1. DATE 10 ALIC COSTS AND FOR SALVAGE SIGNATURE SMC SALVAGE SALVAGE SIGNATURE SMC SALVAGE SALVAGE SA	TOTAL EQUIPMENT							
F. PARTICIPANT SUPPORT COSTS 1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COSTS 5. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER DIRECT COSTS 6. SUBAWARDS 7. Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS (A THROUGH G) 7. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 7. TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 8. K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 8. L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) 8. S78,755 8. M. COST SHARING SEIGHATURE* 8. PARTICIPANT AND ENGLISHED SINDIRECT COST RATE VERIFICATION 1NDIRECT CAST RAD COST RAD COST RAD COST RAD COST RAD COST RAD COST SHARING RAD COST S	E. TRAVEL 1. DOMESTIC (INCL. CANADA, MEXICO AND U.S. POSSESSIONS)							
1. STIPENDS 2. TRAVEL 3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COSTS () OTHER DIRECT COSTS () PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. OTHER 5. SUBAWARDS 6. OTHER 6. OTHER 7. TOTAL OFHER DIRECT COSTS (A THROUGH G) 7. TOTAL OFHER DIRECT COSTS (A THROUGH G) 7. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 7. TOTAL OTHER DIRECT COSTS (HINDIS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 7. TOTAL OTHER DIRECT COSTS (INDIRECT C	2. FOREIGN					31,216		
2. TRAVEL 3. SUBSISTENCE 4. OTHER 6. OTHER DIRECT COSTS 7. OTOTAL PARTICIPANT COSTS 8. OTHER DIRECT COSTS 9. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER DIRECT COSTS 6. OTHER DIRECT COSTS 7. OTHER DIRECT COSTS 8. DIBAWARDS 9. DIRECT COSTS (A THROUGH G) 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT COSTS (F&A) (SPECIFY RATE SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 1. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) 1. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) 1. STREET PROPOSED LEVELS Salvatore Rappoccio 1. INDIRECT COST RATE VERIFICATION 1. SARRED LEVEL IF DIFFERENT S PUPD TYPED NAME & SIGNATURE* 1. DATE 1. DA	F. PARTICIPANT SUPPORT COSTS							
3. SUBSISTENCE 4. OTHER () TOTAL PARTICIPANT COSTS () TOTAL PARTICIPANT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TUITION 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS 1. INDIRECT COSTS (A THROUGH G) 429,192 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (FA) AND SUBPLIES SEE GPG II.D.7.j.) 578,755 K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 578,755 L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) \$ 578,755 SMC. COST SHARING: PROPOSED LEVEL \$ AGREED LEVEL IF DIFFERENT \$ PI/PD TYPED NAME & SIGNATURE* DATE FOR NSF USE ONLY Initials - ORG Initials - ORG	1. STIPENDS							
4. OTHER	2. TRAVEL							
()TOTAL PARTICIPANT COSTS G. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS H. TOTAL OTHER DIRECT COSTS (A THROUGH G) 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT AND INDIRECT COSTS (H+I) 5. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.) 1. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) 1. COST SHARING: PROPOSED LEVEL \$ Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE Date Checked Date of Rate Sheet Initials - ORG Initials - ORG	3. SUBSISTENCE							
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 13,740 13,740 13,740 1429,192 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ AGREED LEVEL IF DIFFERENT \$ PI/PD TYPED NAME & SIGNATURE* DATE FOR NSF USE ONLY Initials - ORG Initials - ORG Initials - ORG	4. OTHER							
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 13,740 13,740 13,740 1429,192 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ AGREED LEVEL IF DIFFERENT \$ PI/PD TYPED NAME & SIGNATURE* DATE FOR NSF USE ONLY Initials - ORG Initials - ORG Initials - ORG	()TOTAL PARTICIPANT COSTS							
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT COSTS (F&A) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE DATE DATE DATE OF MINDIRECT COST RATE VERIFICATION INDIRECT COST RATE VERIFICATION Initials - ORG	G. OTHER DIRECT COSTS							
2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT COSTS (F&A) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE DATE DATE DATE OF MINDIRECT COST RATE VERIFICATION INDIRECT COST RATE VERIFICATION Initials - ORG	1. MATERIALS AND SUPPLIES							
3. CONSULTANT SERVICES 4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER TOTAL OTHER DIRECT COSTS 13,740 TOTAL DIRECT COSTS (A THROUGH G) 1. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE Date Checked Date of Rate Sheet Initials - ORG								
4. COMPUTER SERVICES 5. SUBAWARDS 6. OTHER Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) 429,192 I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL DIRECT AND INDIRECT COSTS (H+I) 578,755 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) \$ 578,755 M. COST SHARING: PROPOSED LEVEL \$ AGREED LEVEL IF DIFFERENT \$ PI/PD TYPED NAME & SIGNATURE* DATE FOR NSF USE ONLY Salvatore Rappoccio 999/13 INDIRECT COST RATE VERIFICATION INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
5. SUBAWARDS 6. OTHER Tuition 13,740 Other 13,740 TOTAL OTHER DIRECT COSTS 13,740 H. TOTAL DIRECT COSTS (A THROUGH G) 429,192 I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) 149,563 J. TOTAL INDIRECT COSTS (F&A) 578,755 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) \$ 578,755 M. COST SHARING: PROPOSED LEVEL \$ AGREED LEVEL IF DIFFERENT \$ PI/PD TYPED NAME & SIGNATURE* DATE FOR NSF USE ONLY Salvatore Rappoccio 99/13 INDIRECT COST RATE VERIFICATION INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
Total other Tuition 13,740 Other 13,740								
TOTAL OTHER DIRECT COSTS H. TOTAL DIRECT COSTS (A THROUGH G) I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ M. COST SHARING: PROP						13 740		
H. TOTAL DIRECT COSTS (A THROUGH G) I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE DATE DATE DATE COST RATE VERIFICATION Initials - ORG								
I. INDIRECT COSTS (F&A) (SPECIFY RATE AND BASE) TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
TOTAL INDIRECT COSTS (F&A) J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG	,					429,192	<u> </u> 	
J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG	i. INDITIEG TOOCTO (TAA) (OF EOIL FILATE AND BAOL)							
J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
J. TOTAL DIRECT AND INDIRECT COSTS (H+I) 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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG	TOTAL INDIRECT COSTS (F&A)					149.563		
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) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG	J. TOTAL DIRECT AND INDIRECT COSTS (H+I)							
L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K) M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked \$ 578,755 \$ AGREED LEVEL IF DIFFERENT \$ DATE DATE DATE Date Checked Date of Rate Sheet Initials - ORG	K. RESIDUAL FUNDS (IF FOR FURTHER SUPPORT OF CURRENT PROJECTS SEE GPG II.D.7.j.)					270,700		
M. COST SHARING: PROPOSED LEVEL \$ PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE AGREED LEVEL IF DIFFERENT \$ DATE FOR NSF USE ONLY INDIRECT COST RATE VERIFICATION Initials - ORG	L. AMOUNT OF THIS REQUEST (J) OR (J MINUS K)					\$ 578.755	\$	
PI/PD TYPED NAME & SIGNATURE* Salvatore Rappoccio INST. REP. TYPED NAME & SIGNATURE* DATE DATE PI/PD TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG							1	
Salvatore Rappoccio 99/13 INDIRECT COST RATE VERIFICATION INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
INST. REP. TYPED NAME & SIGNATURE* DATE Date Checked Date of Rate Sheet Initials - ORG								
		1	<u> </u>	5 . 6: :	INDIRECT CO			
Grant and Contract Administrator 9/9/13		DAIE		Date Checked		Date of Hate Sheet	Initials - ORG	
	Grant and Contract Administrator	9/9/13						