# Physical Science Oncology Centers (U54)

Amy Knight Office of Grants Administration January 23, 2009

RFA-CA-09-009 http://grants1.nih.gov/grants/guide/rfa-files/RFA-CA-09-009.html

### Funding Available

- Funds Available and Anticipated Number of Awards. The NCI has committed approximately \$15M
   \$21M in total costs for FY 2009 and anticipates making approximately four to six awards in connection with this FOA.
- Budget and Project Period. The amount of funding set-aside for this program is approximately \$75M \$105M over a 5-year period. Direct costs requested or awarded for a single center may not exceed \$2M \$2.25M per year over a 5-year period.

### **Additional Funding Information**

- Indirect costs for consortium are not included in the direct cost cap.
   <u>http://grants.nih.gov/grants/guide/notice-</u> <u>files/NOT-OD-05-004.html</u>
- Budgets may include a 3% cost of living increase each year up to the direct cost cap.
- Semi-annual progress reports will be required, appropriate costs should be included for their preparation.

### NIH Budget Caps to Remember

### Salary Cap

- Current cap is \$196,700
- <u>http://grants.nih.gov/grants/guide/notice-files/NOT-OD-09-037.html</u>

Graduate Student Compensation Cap

- Tied to the zero level NRSA stipend
- Current cap is \$36,996
- <u>http://grants.nih.gov/grants/guide/notice-files/NOT-OD-02-017.html</u>

### **Table of Contents**

### \*\*This sample form, adapted from the traditional PHS 398 Form Page 3, supplement the written instructions listed in Section IV.2 of RFA-CA-09-009. Instructions listed in red should not be included in final submissions\*\*

Program Director/Principal Investigator (Last, First, Middle):

The name of the program director/principal investigator must be provided at the top of each printed page and each continuation page.

### TABLE OF CONTENTS (Recommended)

	Page Numbers
Face Page	1
Description, Project/Performance Sites, Senior/Key Personnel, Other Significant Contributors, and Human Embryonic Stem Cells	2
Table of Contents	
Detailed Budget for Initial Budget Period	
Budget for Entire Proposed Period of Support	
Budgets Pertaining to Consortium/Contractual Arrangements	
Biographical Sketch – Program Director/Principal Investigator (Not to exceed four pages each)	
Other Biographical Sketches (Not to exceed four pages each – See instructions)	
Resources	
Checklist	
Research Plan	
N1. Overall Description of PS-OC	
PS-OC Organizing Framework	
N2. Individual Center Projects	
Project XXX: Title of Project	
Cover Page (Form Page 1 & 2)	
Detailed Budget for Initial Budget Period (Form Page 4)	
Budget for Entire Proposed Period of Support (Form Page 5)	
Biographical Sketch	
Other Biographical Sketches	
Research Plan	
i. Project Overview	
ii. Specific Aims	
iii. Background and Significance	
iv. Preliminary Studies; and	
v. Research Design and Methods	
References Cited	
Protection of Human Subjects Inclusion of Women and Minorities	
Vertebrate Animals	
Consortium/Contractual Arrangements	
Letters of Support (e.g. Consultants)	
N3. Center Organization and Infrastructure	
Cover Page (Form Page 1 & 2)	
Detailed Budget for Initial Budget Period (Form Page 4)	
Budget for Entire Proposed Period of Support (Form Page 5)	
Individual Center Administration	

### Table of Contents (continued)

\*\*This sample form, adapted from the traditional PHS 398 Form Page 3, supplement the written instructions listed in Section IV.2 of RFA-CA-09-009. Instructions listed in red should not be included in final submissions\*\*

Program Director/Principal Investigator (Last, First, Middle):

The name of the program directoriprincipal investigator must be provided at the top of each printed page and each continuation page.

### TABLE OF CONTENTS (Recommended) [continued]

		Page Numbers
N3. (	Center Organization and Infrastructure (cont'd)	
	Detailed Budget for Initial Budget Period (Form Page 4)	
	Budget for Entire Proposed Period of Support (Form Page 5)	
	Center Advisor Committee (CAC)	
	Detailed Budget for Initial Budget Period (Form Page 4)	
	Budget for Entire Proposed Period of Support (Form Page 5)	
	PS-OC Steering Committee (PSC)	
N4.	Other Critical Resources and Capabilities	
	Shared Research Resources Core XXX: Title of Core	
	Cover Page (Form Page 1 & 2)	
	Detailed Budget for Initial Budget Period (Form Page 4)	
	Budget for Entire Proposed Period of Support (Form Page 5)	
	Biographical Sketch	
	Description of Component and Operations	
	Education and Training Unit	
	Cover Page (Form Page 1 & 2)	
	Detailed Budget for Initial Budget Period (Form Page 4)	
	Budget for Entire Proposed Period of Support (Form Page 5)	
	Biographical Sketch	
	Description of Component and Operations	
	Outreach and Dissemination Unit	
	Cover Page (Form Page 1 & 2)	
	Detailed Budget for Initial Budget Period (Form Page 4)	
	Budget for Entire Proposed Period of Support (Form Page 5)	
	Biographical Sketch	
	Description of Component and Operations	
14. F	References Cited	
	Consortium/Contractual Arrangements	
	Letters of Support (e.g., Consultants)	
	Resource Sharing Plan (s)	
Append	lix (Five Identical CDs.)	Check If Appendix is Included

## Required Pages for PS-OC, each Project, Core, and Unit

Department of Health and Huma	LEAVE BLANK-FO	LEAVE BLANK—FOR PHS USE ONLY.			
Public Health Services	Serviceo		ivity	Numb	
Grant Applicat	Review Group		Forme		
Do not exceed character reserve	awa manakeo.	Council/Board (Mont	h, Year)	Date F	Received
. TID For PROJECT (Do not exceed 81 charac	cters, including spaces and p	unctuation.)			
RESPONSE TO SPECIFIC REQUEST FOR As (If "Yes," state number and title) Number: Title:	PPLICATIONS OR PROGRA	M ANNOUNCEMENT	OR SOLICITA	ATION	NO YES
3. PROGRAM DIRECTOR/PRINCIPAL INVESTIG	ATOR	New Investigator	No	res	
a. MME (Last, first, middle)		3b. DEGREE(S)		3h. eRA	nons User Name
					<b>`</b>
8c. POSITION TITLE		3d. MAILING ADDRI	ESS (Street, c	ity, state,	zip code)
e. DEPARTMENT, SERVICE, LABORATORY, OF	R FOLIVALENT	4			
C. DEPARTMENT, SERVICE, ENDOWTORT, OF	C CASH VALLEN				
I. MAJOR SUBDIVISION		1			
TELEDIDARE AND EAN (Assessor					
3g. TELEPHONE AND FAX (Area code, number a	no exiension)	E-MAIL ADDRESS:			
TEL: FAX:	a Parateh Exampl	Mayor * Exemplian			
No Yes	Ia. Research Exempt No Yes	If "Yes," Exemption	wu.		
	Ic. Clinical Trial	I	Id. NIH-define	1 Phase II	II Clinical Trial
and the second state of th	No Yes	No Yes			
VERTEBRATE ANIMALS No Yes		5a, Animai Welfare A			
5. DATES OF PROPOSED PERIOD OF	7. COSTS REQUESTED		8. COSTS I		TED FOR PROPOSED
SUPPORT (month, day, year—MM/MDD/YY) From Through	BUDGET PERIOD 7a. Direct Costs (\$)	7b. Total Costs (\$)	PERIOD 8a. Direct Cos	OF SUPP	ORT 8b. Total Costs (\$)
				- 197	
. APPLICANT ORGANIZATION	1	10. TYPE OF ORGA	NIZATION		
Name		Public: →	Federal	Sta	fe Local
Address		Private: ->	Private Non	profit	
		For-profit:   General Small Business			
		Woman-owned			mically Disadvantaged
		11. ENTITY IDENTI	FICATION NU	MBER	
		DUNS NO.		Cong. Di	strict
2. ADMINISTRATIVE OFFICIAL TO BE NOTIFIE	D IF AWARD IS MADE	13. OFFICIAL SIGN	NO DECORDE	107010	CONIZATION
Name		Name			
ntie		TR			
Address		ddress			
fel: FAX:		Ta		FAX:	
E-Mail:		E-Mall:			
4. APPLICANT ORGANIZATION CERTIFICATION AND he statements herein are true, complete and accurate to to inccept the obligation to comply with Public Heath Services a warded as a result of this application. I am aware that	he best of my knowledge, and s terms and conditions if a grant	SIGNATURE OF ON (In Ink. "Per" signatu	re not accepta		DATE

For Projects, Cores, Units please include:

Project/Core/Unit Title
Name of Project Leader

Only the Cover Page for the entire center needs signature(s).

Projects, Cores, Units Cover Pages do not need signature(s).

## Required Pages for PS-OC, each Project, Core, and Unit

Program DirectoriPhin	olpal (nvestigator (Last, Fir	st, Middle):	_		
ROJECT SUMMARY (See Instru	ctons):				
(					
					J
RELEVANCE (See instructions):					
PROJECT/PERFORMANCE SITE Project/Performance Site Primar Organizational Name:		needed, use Proje	ct/PerformanceS	Site Format Page)	
DUNS:			_		
Street 1:			eet 2:		
Dity:	-	County:		State:	
Province:	Country:			Zip/Postal Code:	
Project/Performance Site Congres					
Additional Project/Performance	one Location				
				-	
Organizational Name:					
DUNS:					
DUNS: Street 1:			eet 2:		
DUNS:	Country:	Stre County:	eet 2:	State: Zip/Postal Code:	

For Projects, Cores, Units please include an abstract that contains:

Project/Core/Unit summary
Linkage to overall PS-OC
framework and operation



## Required Pages for PS-OC, each Project, Core, and Unit

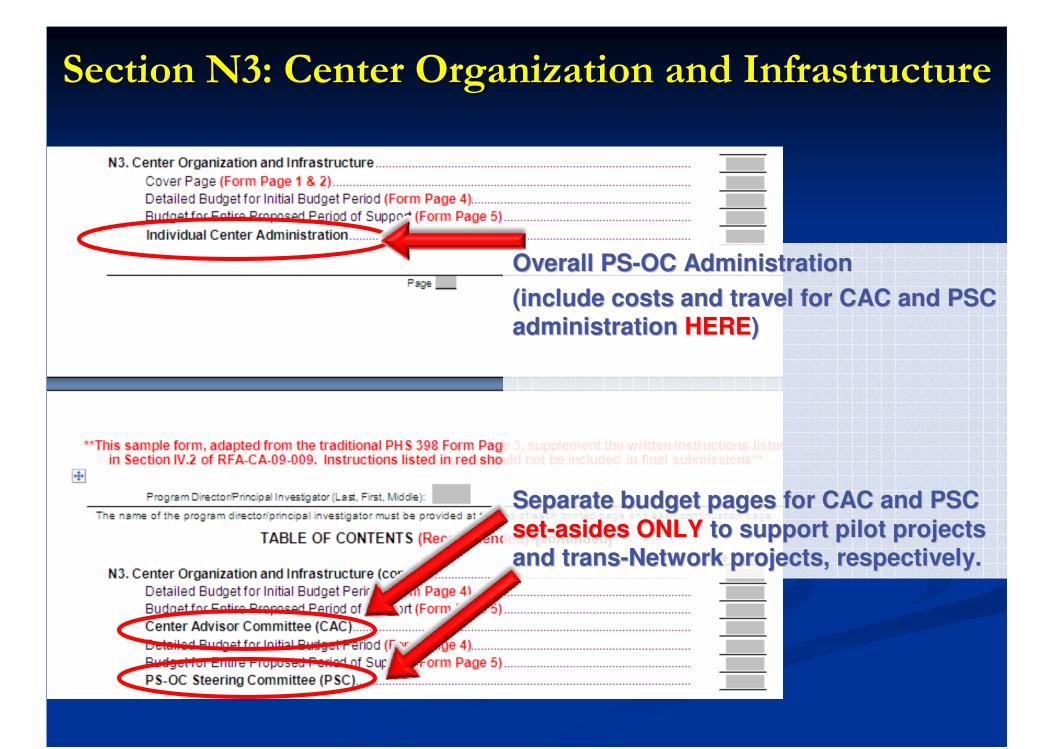
	1 2 1 1	t, Middle):			
TYPE OF APPLICATION (	Chock all that apply 1	CHECKLIST			
		the DUC for the first time 1			
	s application is being submitted to	the PHS for the first time.)			
RESUBMISSION of ap (This application repla	plication number: ces a prior unfunded version of a	new, renewai, or revision a	pplication.)		
RENEWAL of grant nur (This application is to e	nber: extend a funded grant beyond its	current project period.)			
REVISION to grant nun	nber:				
	additional funds to supplement a	currently funded grant.)			
CHANGE of program d	irector/principal Investigator.				
Name of former progra	am director/principal investigator:				
CHANGE of Grantee In	stitution. Name of former institu	ition:			
FOREIGN application	Domestic Grant with fore	gn Involvement List Co Involve	untry(les) d:		
VENTIONS AND PATENT	S (Renewal appl. only) N	lo Yes			
		If "Yes," Previ	ously reported Not previo	ously reported	
. PROGRAM INCOME (S ill applications must indicate nticipated, use the format b	ee instructions.) whether program income is anti elow to reflect the amount and so	cipated during the period(s) surce(s).	for which grant support is requ	est. If program	income is
Budget Period	Anticipated /	Amount	Source(	5)	
			s/certifications are provided in F	Part III and liste	d in Part I, 4
nder Hem 14, if unable to c FACILITIES AND ADMIN DHHS Agreement being No DHHS Agreement being No DHHS Agreement, being ALCULATION* (The entire Initial budget period: 02 year	ertify compilance, where applicab ISTRATIVE COSTS (F&A)/ INDI 1: 9 negotlated with	ie, provide an explanation a RECT COSTS. See specific	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % = F&A costs % = F&A costs	trative Costs R e. s as confidents s \$ s \$	equested.
nder Item 14. if unable to c FACILITIES AND ADMIN DHHS Agreement date DHHS Agreement being No DHHS Agreement, to ALCULATION" ( <i>The entire</i> , Initial budget period: 02 year	ettity compliance, where applicat ISTRATIVE COSTS (F&A) INDI 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2 2	e, provide an explanation : RECT COSTS. See specific Checklist, will be reproduce: 	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer 5% - F&A costs % - F&A costs % - F&A costs	trative Costs R e. s as confidentia s \$ s \$ s \$	equested.
nder item 14. if unable to o FACILITIES AND ADMIN DHHS Agreement date DHHS Agreement being No DHHS Agreement, b ALCULATION" ( <i>The entire</i> Initial budget period: 02 year 03 year	entity compliance, where applicate ISTRATIVE COSTS (F&A)/ INDI 2: In egotlated with ut rate established with 2: grant application, including the Amount of base \$	e, provide an explanation : RECT COSTS. See specific Checklist, will be reproduce x Rate applied x Rate applied x Rate applied	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % - F&A costs % - F&A costs % - F&A costs % - F&A costs	trative Costs R e. s as confidentia s \$ s \$ s \$ s \$ s \$	equested.
nder item 14. if unable to o FACILITIES AND ADMIN DHHS Agreement date DHHS Agreement being No DHHS Agreement, b ALCULATION" ( <i>The entire</i> Initial budget period: 02 year 03 year	entity compliancie, where applicate ISTRATIVE COSTS (F&A)/ INDI : megotlated with pregotlated with ut rate established with grant application, including the ( Amount of base \$ Amount of base \$ Amount of base \$ Amount of base \$	e, provide an explanation : RECT COSTS. See specific Checklist, will be reproduce x Rate applied x Rate applied x Rate applied x Rate applied	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % - F&A costs % - F&A costs % - F&A costs % - F&A costs	trative Costs R e. s as confidenti s \$ s \$ s \$ s \$ s \$ s \$ s \$	equested.
nder item 14. if unable to o FACILITIES AND ADMIN DHHS Agreement being No DHHS Agreement being No DHS	entity compliancie, where applicate ISTRATIVE COSTS (F&A)/ INDI : megotlated with pregotlated with ut rate established with grant application, including the ( Amount of base \$ Amount of base \$ Amount of base \$ Amount of base \$	e, provide an explanation : RECT COSTS. See specific Checklist, will be reproduce x Rate applied x Rate applied x Rate applied x Rate applied	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % - F&A costs % - F&A costs % - F&A costs % - F&A costs	trative Costs R e. s as confidenti s \$ s \$ s \$ s \$ s \$ s \$ s \$	equested.
nder item 14. if unable to o FACILITIES AND ADMIN DHHS Agreement being No DHHS Agreement being No DHS	entity compliance, where applicate ISTRATIVE COSTS (F&A) / INDI : megotlated with ut rate established with a grant application, including the ( Amount of base \$ Amount of base \$	e, provide an explanation : RECT COSTS. See specific Checklist, will be reproduce x Rate applied x Rate applied x Rate applied x Rate applied	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % - F&A costs % - F&A costs % - F&A costs % - F&A costs	trative Costs R e. s as confidents s \$s s \$s s \$s s \$s s \$s	equested.
nder Item 14. if unable to o FACILITIES AND ADMIN DHHS Agreement date: DHHS Agreement being No DHHS Agreement being No DHHS Agreement being No DHHS Agreement being ALCULATION" ( <i>The entire</i> I initial budget period: 0 2 year 0 3 year 0 3 year 0 4 year 0 5 year Check appropriate box(es): Salary and wages base Off-site, other special r	ettily compliance, where applicate ISTRATIVE COSTS (F&A) INDI 2 2 2 2 2 2 2 2 2 2 2 2 2	e, provide an explanation a RECT COSTS. See specific Checklist, will be reproduce x Rate applied x Rate applied x Rate applied x Rate applied x Rate applied x Rate applied	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % – F&A costs % – F&A costs	trative Costs R e. s as confidents s \$s s \$s s \$s s \$s s \$s	equested.
Inder Item 14, if unable to o     FACILITIES AND ADMIN     DHHS Agreement date:     DHHS Agreement being     No DHHS Agreement, b     DHHS Agreement, b     ALCULATION" ( <i>The entire</i> Initial budget period:     Id 2 year     O3 year     O4 year     O5 year     Check appropriate box(es):     Salary and wages base     Off-site, other special r     xiplanation (Attach separat	ettly compliance, where applicate ISTRATIVE COSTS (F&A)/ INDI S  s  r pregotiated with pregotiated with grant application, including the ( Amount of base \$ Amo	e, provide an explanation a RECT COSTS. See specific Checklist, will be reproduce	Ind place it after this page. Instructions. No Facilities And Adminis Regional Offic Date d and provided to peer reviewer % – F&A costs % – F&A costs % – F&A costs % – F&A costs Cother base (Exp ward, is the Government permit	trative Costs R e. s as confidentia s \$ s \$ t \$ s \$ t \$t \$	equested. al informatio
nder Item 14. If unable to c FACILITIES AND ADMIN DHIHS Agreement date DHIHS Agreement date No DHHS Agreement being No DHHS Agreement to ALCULATION" ( <i>The entire</i> , Initial budget period: 02 year 03 year 04 year 03 year 04 year 05 year Check appropriate box(es): Salary and wages base Off-site, other special r ixplanation (Attach separation) Sour proposed project, and t	ettly compliance, where applicate ISTRATIVE COSTS (F&A)/ INDI IST ISTRATIVE COSTS (F&A)/ INDI IST INT and the established with Ist are established	e, provide an explanation : RECT COSTS. See specific RECT COSTS. See specific x Rate applied x Rate applied x Rate applied x Rate applied x Rate applied (Explain) ation does not result in an a noter and e-mail address of	ward, is the Government permit ward, is the Government permit ward, is the Government permit ward provided to peer reviewer % - F&A costs % - F&A costs	trative Costs R e. s as confidentia s \$ s \$ t \$ s \$ t \$t \$	equested. al informatio

For each consortium, please also include a checklist page

## Section IV Application & Submission Information

### Budget (PHS 398 Form Pages 4 and 5)

TABLE OF CONTENTS (Recommend	ded)
	Page Numbers
Face Page	<u>1</u>
Description, Project/Performance Sites, Senior/Key Personnel, Other Sigr and Human Embryonic Stem Cells	2
Table of Contents	
Detailed Budget for Initial Budget Period	Overall PS-OC (1 <sup>st</sup> year and a cumulative
Budget for Entire Proposed Period of Support Budgets Pertaining to Consertium/Contractual Arrangements	budget for the entire project period)
Biographical Sketch - Program Director/Principal Investigator (Not to exceed	I four pages each)
Other Biographical Sketches (Not to exceed four pages each - See instruct	
Resources	Separate budget pages for each proposed
Checklist	
Research Plan	project (1 <sup>st</sup> year and cumulative budgets)
N1. Overall Description of PS-OC PS-OC Organizing Framework	
N2. Individual Center Projects	
Project XXX: Title of Project	
Cover Page (Form Page 1 & 2)	
Detailed Budget for Initial Budget Period (Form Page 4)	
Budget for Entire Proposed Period of Support (Form Page 5)	
Biographical Skotch	······
Other Biographical Sketches	
Research Plan	



Section N4. Other	<b>Critical</b>
<b>Resources and Cap</b>	oabilities
Program Director/Principal Investigator (Last, First, Middle):	
The name of the program director/principal investigator must be provided at the top of ea	
TABLE OF CONTENTS (Recommended)         N4. Other Critical Resources and Capabilities (cont'd)	- Pa <u>ge Numbe</u> rs
Shared Research Resources Core XXX: Title of Core	
Cover Page (Form Page 1 & 2) Detailed Budget for Initial Budget Period (Form Page 4) Budget for Entire Proposed Period of Support (Form Page 5) Biographical Sketch Description of Component and Operations	·····
Education and Training Unit	must have at
Cover Page (Form Page 1 & 2)	<u>IIIUSt</u> IIave a <u>t</u>
Detailed Budget for Initial Budget Period (Form Page 4) Budget for Entire Proposed Period of Support (Form Page 5)	least these three
Biographical Sketch	
Description of Component and Operatione	(more if needed)
Outreach and Dissemination Unit. Cover Page (Form Page 1 & 2) Detailed Budget for Initial Budget Period (Form Page 4) Budget for Entire Proposed Period of Support (Form Page 5) Biographical Sketch. Description of Component and Operations	

## **Composite Budget Example**

Program Director/Princip	al Investigator (Las	t, First, M	iddle): C	Composi	ite				
DETAILED BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY									
PERSONNEL (Applicant organization	n only)	Months	Devoted to	Project		DOLLAR AMO	UNT REQUESTE	D (omit cents)	
NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS	TOTAL	
Project 1	PD/PI					137,634	21,025	158,659	
Project 2						13, 911	26,934	160,845	
Project 3						136,021	28,586	164,607	
Core A						86,308	18,993	105,301	
Core B						122,288	28,383	150,671	
Core C						83,206	18,035	101,291	
	SUBTOTALS				→	699,368	142,006	41,374	
CONSULTANT COSTS								10,000	
EQUIPMENT (Itemize) Core B								10,454	
SUPPLIES (Itemize by category) Project 1: \$28,640 Project 2: \$43,721 Project 3: \$53,119	Core A: S Core B: S Core C: S	38,315						215 220	
TRAVEL								215,229	
Project 2: \$3,600, Project 3		e A: \$1	,500, C	ore B: \$	3,000			11,100	
PATIENT CARE COSTS INPATIE OUTPAT									
ALTERATIONS AND RENOVATIONS		gory)							
OTHER EXPENSES (Iterrize by category)           Project 1: \$37,700         Core A: \$10,700         Pilot Projects: \$69,856           Project 2: \$41,834         Core B: \$17,592         trans-Network Projects: \$100,000           Project 3: \$29,274         Core C: \$2,000         Core A: \$10,700								308,956	
CONSORTIUM/CONTRACTUAL COSTS DIRECT COSTS									
SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (Item 7a, Face Page)									
SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (Item 7a, Face Page)         \$           consortium/contractual costs         FACILITIES AND ADMINISTRATIVE COSTS									
TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD									
PHS 398 (Rev. 11/07)			Page	_				Form Page 4	

Program Director/Principal Investigator (Last, First, Middle): Composite

### BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD DIRECT COSTS ONLY

	INITIAL BUDGET ADDITIONAL YEARS OF SUPPORT REQUESTE							
	T CATEGORY OTALS	PERIOD (from Form Page 4)	2nd	3rd	4th	5th		
	: Salary and fringe icant organization	841,374	866,615	892,613	919,391	946,973		
CONSULTAN	T COSTS	10,000	10,300	10,609	10,927	11,255		
EQUIPMENT		10,454						
SUPPLIES		215,229	221,686	228,337	235,187	242,243		
TRAVEL		11,100	11,433	11,776	12,129	12,493		
PATIENT	INPATIENT							
COSTS	OUTPATIENT							
ALTERATION								
OTHER EXPE	INSES	308,956	318,225	327,772	337,605	347,733		
CONSORTIUI CONTRACTU COSTS								
SUBTOTAL DIRECT COSTS (Sum = Item 8a, Face Page)		1,397,113	1,428,259	1,471,107	1,515,239	1,560,697		
CONSORTIUI CONTRACTU COSTS								
TOTAL DIRECT COSTS		1,397,113	1,428,259	1,471,107	1,515,239	1,560,697		
TOTAL DIRECT COSTS FOR ENTIRE PROPOSED PROJECT PERIOD								

JUSTIFICATION. Follow the budget justification instructions exactly. Use continuation pages as needed.

### Note: Include the Project or Core reference to each corresponding budget page.

Page

## Individual Project Example

### FROM THROUGH DETAILED BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY PERSONNEL (Applicant organization only) DOLLAR AMOUNT REQUESTED (omit cents) Months Devoted to Project ROLE ON Cal. Acad. Summer INST.BASE SALARY FRINGE NAME PROJECT Mnths Mnths Mnths SALARY REQUESTED BENEFITS TOTAL Dr. A PD/PI 3.6 168.000 50.400 8.670 59,070 Co-Dr. B 78,000 3.900 954 0.6 4,854 Investigator Co-Dr. C 0.6 54.698 2.735 699 3.434 Investigator Dr. D Investigator 1.2 152.290 15,229 4,300 19,529 Dr. E Post-Doc 6.0 48,101 24,051 5,267 29,318 Dr. F Post-Doc 5.4 41.796 18.808 4.119 22.927 Dr. G Post-Doc 6.0 41,796 20.898 4.577 25,475 SUBTOTALS 136,021 28,586 164,607 CONSULTANT COSTS EQUIPMENT (Itemize) SUPPLIES (Itemize by category) Molecular biology supplies: \$21,737 Antibodies regents: \$9,000 Culture Media: \$16,118 Gas Cylinders: \$2,000 Glassware: \$4.264 53,119 TRAVEL Travel to scientific meeting for PI and Co-Investigator 3,000 PATIENT CARE COSTS INPATIENT OUTPATIENT ALTERATIONS AND RENOVATIONS (Itemize by category) OTHER EXPENSES (Itemize by category) Sequencing center expenses: \$2,000 Oligonucleotide primers: \$2,000 Animal Expenses: \$23,274 Publication costs: \$2,000 29,274 CONSORTIUM/CONTRACTUAL COSTS DIRECT COSTS SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (Item 7a, Face Page) 250,000 FACILITIES AND ADMINISTRATIVE COSTS CONSORTIUM/CONTRACTUAL COSTS TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD 250.000 PHS 398 (Rev. 11/07) Page Form Page 4

Program Director/Principal Investigator (Last, First, Middle): Project 3

Program Director/Principal Investigator (Last, First, Middle): Project 3

### BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD DIRECT COSTS ONLY

BUDGET	CATEGORY	INITIAL BUDGET PERIOD	ADDITI	ONAL YEARS OF SUP	PORT REQUESTED	
	OTALS	(from Form Page 4)	2nd	3rd	4th	5th
	Salary and fringe cant organization	164,607	169,545	174,631	179,870	185,266
CONSULTAN	T COSTS					
EQUIPMENT						
SUPPLIES		53,119	54,713	56,354	58,045	59,786
TRAVEL		3,000	3,090	3,183	3,278	3,376
PATIENT	INPATIENT					
COSTS	OUTPATIENT					
ALTERATION RENOVATION						
OTHER EXPE		29,274	30,152	31,057	31,989	32,949
CONSORTIUN CONTRACTU COSTS						
SUBTOTAL (Sum = Item 8	DIRECT COSTS a, Face Page)	250,000	257,500	265,225	273,182	281,377
CONSORTIUM/ CONTRACTUAL F&A COSTS						
TOTAL DIRECT COSTS		250,000	257,500	265,225	273,182	281,377
TOTAL DIRE	\$	1,327,284				
JUSTIFICATIO	ON. Follow the bud	get justification instructions	exactly. Use continuation	on pages as needed.	Ţ	

PHS 398 (Rev. 11/07)

Page

### **Trans-Network Projects**

### Example (PSC)

	rincipal Investigator (La					FROM	17	HROU	011	
DETAILED BUDGET FOR INITIAL BUDGET PERIOD FROM DIRECT COSTS ONLY							ľ	HROU	ы	
PERSONNEL (Applicant organi	zation only)	Months	Devoted to	Project		DOLLAR AMO	OUNT REQU	ESTED (omit cents)		
NAME	ROLE ON PROJECT				TOTAL					
	PD/PI									
	SUBTOTALS	;			→					
CONSULTANT COSTS										
EQUIPMENT (Itemize)										
SUPPLIES (Itemize by categor	y)									
TRAVEL										
	TPATIENT									
ALTERATIONS AND RENOVA	TIONS (Itemize by cat	egory)								
OTHER EXPENSES (Itemize t trans-Network projects										
									100,000	
CONSORTIUM/CONTRACTUA	L COSTS					DIRE	CT COST	s		
		BUDGE	T PERI					\$	100,000	
CONSORTIUM/CONTRACTUA			BIOD	FA	ULLI IES AND	ADMINISTRATI	VECUSI	1-		
ICTAL DIRECT COSTS	I OR INITIAL BUL		Page					\$	100,000 Form Page 4	

Program Director/Principal Investigator (Last, First, Middle): trans-Network Projects

### BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD DIRECT COSTS ONLY

BUDGET	CATEGORY	INITIAL BUDGET PERIOD	ADD	ITIONAL YEARS OF S	JPPORT REQUESTED	
	DTALS	(from Form Page 4)	2nd	3rd	4th	5th
	Salary and fringe cant organization					
CONSULTAN	T COSTS					
EQUIPMENT						
SUPPLIES						
TRAVEL						
PATIENT CARE	INPATIENT					
COSTS	OUTPATIENT					
ALTERATION RENOVATION						
OTHER EXPE	NSES	100,000	103,000	106,090	109,273	112,551
CONSORTIUN CONTRACTU COSTS						
SUBTOTAL (Sum = Item 8	DIRECT COSTS a, Face Page)	100,000	103,000	106,090	109,273	112,551
CONSORTIUM CONTRACTU COSTS						
TOTAL DIRECT COSTS		100,000	103,000	106,090	109,273	112,551
TOTAL DIRE	\$	530,914				
JUSTIEICATI	. Follow the budg	get justification instruction	s exactly. Use continu	ation pages as needed.		
Funds are	needed for tra	ns-Network projec	ts that are To Be	Determined and	approved by the I	PSC

"Funds are needed for trans-Network projects that are to be determined and approved by PSC"

PHS 398 (Rev. 11/07)

Page

## Pilot Projects Example (CAC)

PHS 398 (Rev. 11/07)

Program Director/Principal Investigator (Last, First, Middle): Pilot Projects										
DETAILED BUDGET FOR INITIAL BUDGET PERIOD DIRECT COSTS ONLY							Τŀ	IROUG	iΗ	
PERSONNEL (Applicant or	Months Devoted to Project				DOLLAR AMOUNT REQUE		ESTED (omit cents)			
NAME	ROLE ON PROJECT	Cal. Mnths	Acad. Mnths	Summer Mnths	INST.BASE SALARY	SALARY REQUESTED	FRINGE BENEFITS		TOTAL	
	PD/PI									
							1			
	SUBTOTALS	I			<b>└</b>					
CONSULTANT COSTS										
EQUIPMENT (Itemize)										
SUPPLIES (Itemize by category)										
TRAVEL										
PATIENT CARE COSTS INPATIENT										
OUTPATIENT ALTERATIONS AND RENOVATIONS (Itemize by category)										
OTHER EXPENSES (Itemize by category)										
Pilot Projects										
									69,856	
CONSORTIUM/CONTRACTUAL COSTS DIRECT COSTS										
SUBTOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD (Item 7a, Face Page)								\$	69,856	
CONSORTIUM/CONTRACTUAL COSTS FACILITIES AND ADMINISTRATIVE COSTS TOTAL DIRECT COSTS FOR INITIAL BUDGET PERIOD								¢	00.050	
							\$	69,856 Form Page 4		
PHS 398 (Rev. 11/07) Page									Form Page 4	

Program Director/Principal Investigator (Last, First, Middle): Pilot Projects

### BUDGET FOR ENTIRE PROPOSED PROJECT PERIOD DIRECT COSTS ONLY

BUDGET CATEGORY TOTALS		INITIAL BUDGET PERIOD	ADDITIONAL YEARS OF SUPPORT REQUESTED						
		(from Form Page 4)	2nd	3rd	4th	5th			
PERSONNEL: Salary and fringe benefits. Applicant organization only.									
CONSULTANT COSTS									
EQUIPMENT									
SUPPLIES									
TRAVEL									
PATIENT CARE COSTS	INPATIENT								
	OUTPATIENT								
ALTERATIONS AND RENOVATIONS									
OTHER EXPENSES		69,856	71,952	74,111	76,334	78,624			
CONSORTIUN CONTRACTU COSTS									
SUBTOTAL DIRECT COSTS (Sum = Item 8a, Face Page)		69,856	71,952	74,111	76,334	78,624			
CONSORTIUM/ CONTRACTUAL F&A COSTS									
TOTAL DIRECT COSTS		69,856	71,952	74,111	76,334	78,624			
TOTAL DIRE	e,	370,877							
JUSTIFICATIO			IS PYACINE USE ROLLING	- Hool	<u>r</u>	510,011			

Funds are needed for Pilot Projects that are To Be Developed and approved by CAC.

"Funds are needed for Pilot projects that are to be developed and approved by CAC"

### How to Calculate 5% Minimum Direct Costs for Pilot Projects

- Add all direct costs (including trans-Network funds)
- Multiply by 5.2631579%
- This calculates the minumum amount you must allocate for Pilot Projects, which is equal to 5% of the total direct costs
- **Example:** 
  - Direct costs prior to Pilot Projects = \$1,327,257
  - \$1,327,257 \* 5.2631579% = \$69,856
  - To check: \$1,327,257 + \$69,856 = \$1,397,113 total direct costs
  - \$1,397,113 \* 5% = \$69,856 minimum Pilot Project funds

### Other Budget Requirements to Note

### Education and Training Unit

- Minimum of \$50,000 direct costs allocated for plans to create local and remote modules for integrative training
- Minimum of \$50,000 direct costs allocated for mechanisms to exchange graduate/postdoctoral trainees and junior/senior investigators
- Outreach & Dissemination Unit
  - Minimum of \$50,000 direct costs allocated for outreach programs
  - Minimum of \$50,000 direct costs allocated for strategies and mechanisms to develop pilot projects

### Key Dates

- Release Date: December 9, 2008
- Letters of Intent Receipt Date: February 13, 2009
- Application Receipt Date: March 13, 2009
  - On time if the application is either:
    - Received by ("arrived by") the specified date, or
    - Received after the specified date if it has a legible proof-of-mailing dated not later than one week prior to the specified date. Peer Review Date: July 2009
- Council Review Date: August 2009
- Earliest Anticipated Start Date: September 2009

### Helpful Resources

Your Business/Sponsored Programs Office NIH Grants Policy Statement <u>http://grants.nih.gov/grants/policy/nihgps\_2003/</u> Office for Human Research Protections <u>http://www.hhs.gov/ohrp/</u> OHRP@hhs.gov Office of Laboratory Animal Welfare <u>http://grants1.nih.gov/grants/olaw/olaw.htm</u> ■ Olaw@od.nih.gov

Office of Grants Administration (OGA) Contacts

Primary Contact: Leslie Hickman

 <u>hickmanl@mail.nih.gov</u>
 301-846-1013

 Secondary Contact: Shane Woodward

 <u>woodwars@mail.nih.gov</u>
 301-846-1017