# Annotated Form Set for NIH Small Business (SBIR/STTR) Grant Applications



FORMS-F Series – Application due dates on/after May 25, 2020

#### Table of Contents

Forms	Page #
SF424 (R&R)	2
PHS 398 Cover Page Supplement	4
R&R Other Project Information	6
Project/Performance Site Location(s)	7
R&R Senior/Key Person Profile (Expanded)	8
R&R Budget	9
R&R Subaward Budget Attachment(s) Form	13
PHS 398 Research Plan	14
SBIR/STTR Information	15
PHS Human Subject and Clinical Trial Form	17
Study Record	18
Inclusion Enrollment Report	19
PHS Assignment Request Form	20

#### **NOTES:**

- The Funding Opportunity Announcement (FOA) and the <u>SBIR/STTR Application Guide instructions</u> are the official documents for defining application requirements. This resource is meant to complement, not replace, those documents.
  - On't forget to periodically check the Related Notices section of the FOA for updates to instructions or policies since the opportunity was posted.
- The blue annotations throughout this resource represent tips for completing form fields and avoiding common errors/warnings.
- Each funding opportunity has its own unique set of forms. Once you have identified an opportunity of interest, you must use a submission system (e.g., ASSIST) to access and prepare the forms.
  - o Preparing Your Application Using ASSIST
- The actual display of the forms depends on your submission method (e.g., ASSIST). The same forms, form fields and guidance apply regardless of submission option even if the display is slightly different.
- Registration in multiple systems is needed prior to submission, see <u>Get Registered!</u> Can take 6 weeks start early!



Expiration Date: 12/31/2022 APPLICATION FOR FEDERAL ASSISTANCE 3. DATE RECEIVED BY STATE State Application Identifier SF 424 (R&R) If New (box 8), leave blank. If Revision/ Use Application for first submission Resubmission/ Renewal (box 8), use attempt for due date. 1. TYPE OF SUBMISSION 4. a. Federal Identifier institute and serial # of previous NIH grant/application # (e.g., CA987654 from Pre-application Application Changed/Corrected Application b. Agency Routing Identifier 1R41CA987654-01). **Applicant Identifier** 2. DATE SUBMITTED For Notices of Special Interest, include Use Changed/Corrected when Do not use Pre-application unless c. Previous Grants.gov notice number (e.g., NOT-IC-FY-XXX) submitting again to Grants.gov specifically noted in FOA. Tracking ID If Changed/Corrected (box 1), provide for a due date (e.g., to correct 5. APPLICANT INFORMATION previous Grants.gov tracking #. (e.g., **Organizational DUNS:** eRA identified errors/warnings.) Small business. GRANT12345678). Legal Name: Division: Department: Must match DUNS used for System for Award Street1: Management (SAM), Grants.gov and eRA Commons registrations. Must be 9 or 13 digits; no Street2: letters or special characters. County / Parish: City: State: Province: Small business must be in the Must provide zip+4 for U.S. or U.S. territory. ZIP / Postal Code: Country: USA: UNITED STATES all zip codes. Person to be contacted on matters involving this application Prefix: First Name: Middle Name: Last Name: Suffix: Position/Title Street1: Street2: County / Parish: City: Province: State: Country: ZIP / Postal Code: UNITED STATES Phone Number: Fax Number: Contact e-mail is required by NIH. If not included, or improperly formatted, the AOR e-mail provided in item 19 will be used. Email: 6. EMPLOYER IDENTIFICATION (EIN) or (TIN): Small business must be in the U.S. or U.S. territory. Must select "R. Small Business" for SBIR/STTR applications. 7. TYPE OF APPLICANT: Do not use these Small Business Other (Specify): Organization Type checkboxes. **Small Business Organization Type** Women Owned Socially and Economically Disadvantaged NIH/CDC/FDA use SAM data to See application 8. TYPE OF APPLICATION: f Revision, mark appropriate box(es). gather this information. guide for definitions. New Resubmission A. Increase Award B. Decrease Award C. Increase Duration Renewal Continuation Revision E. Other (specify): Is this application being submitted to other agencies? What other Agencies? 10. CATALOG OF FEDERAL DOMESTIC ASSISTANCE NUMBER: 9. NAME OF FEDERAL AGENCY: CFDA is also referred to as Assistance Listing Number (ALN). NIH will assign CFDA/ALN post-submission. 11. DESCRIPTIVE TITLE OF APPLICANT'S PROJECT: Phase II should have the same title as awarded Phase I. If Revision (box 8), provide exact title (including punctuation and spacing) as seen in eRA Commons for awarded grant. Limited to 200 characters. 12. PROPOSED PROJECT: 13. CONGRESSIONAL DISTRICT OF APPLICANT Start Date **Ending Date** Format: 2 character state abbreviation - 3 character District number (e.g., CA-005). See application guide for additional details. The funding opportunity provides an "Earliest Project Start Date". For example, the omnibus/parent and other opportunities that use the Sept 5/Jan 5/ April 5 standard due dates have corresponding Earliest Project Start Dates of April/July/September. Generally, project durations are ... Phase 1: 6-12 months, Fast-Track: 2.5-3 yrs, Phase II: 2 yrs, Phase IIB: up to 3 yrs, Commercialization Readiness Pilot (CRP): up to 3 years.

OMB Number: 4040-0001

SF 424 (R&R) APPLICATION FOR FEDERAL ASSISTANCE

Page 2

14. PROJECT DIRECTOR/PRINCIPAL INVESTIGATOR CONTACT INFORMATION
Prefix: First Name: Middle Name:
Last Name: PD/PI first/last name should match name on file for Suffix:
Commons ID provided in the Credential field of the R&R Senior/Key Person Profile (Expanded) form.
Organization Name:
Department: Division:
Street1:
Street2:
City: County / Parish:
State: Province:
Country: USA: UNITED STATES ZIP / Postal Code:
Phone Number: Fax Number:
Email:
15. ESTIMATED PROJECT FUNDING  Manually enter amounts.  16. IS APPLICATION SUBJECT TO REVIEW BY STATE EXECUTIVE ORDER 12372 PROCESS?
a. Total Federal Funds Requested  a. YES  THIS PREAPPLICATION/APPLICATION WAS MADE  AVAILABLE TO THE STATE EXECUTIVE ORDER 12372
b. Total Non-Federal Funds  PROCESS FOR REVIEW ON: SBIR/STTR: Check "No -
c. Total Federal & Non-Federal Funds  DATE:  Program is not covered by E.O.
d. Estimated Program Income
PROGRAM HAS NOT BEEN SELECTED BY STATE FOR REVIEW
administrative penalties. (U.S. Code, Title 18, See the NIH Grants Policy Statement section 4.1 Public Policy Requirements and Objectives for more information.  *The list of certifications and assurances, or an Internet site where you may obtain this list, is contained in the announcement or agency specific instructions.
18. SFLLL (Disclosure of Lobbying Activities) or other Explanatory Documentation
Add Attachment Delete Attachment View Attachment
19. Authorized Representative
Prefix: First Name: Middle Name: Suffix:
Position/Title:  The Authorized Organization Representative (AOR) is the
Organization: business official with signature authority for the company who is authorized in Grants.gov to submit applications. The
electronic signature of the submitting AOR is recorded with
Street1: the submission.
Street2: In eRA Commons individuals with signature authority are called Signing Officials (SOs).
State: Province:
Country: 7ID / Postal Code:
Phone Number: Fax Number:
Email:
Signature of Authorized Representative Date Signed
20. Pre-application Cover letter is posted separately in eRA Commons, is not part of the assembled application image, and content is only available to select agency staff. If Phase 1 or Phase II was a contract or awarded from
21. Cover Letter Attachment another agency, include contract/award number. If application proposes the use of human fetal tissue (HFT) from elective abortions, you must include a Cover Letter with a statement about HFT involvement.

# **PHS 398 Cover Page Supplement**

OMB Number: 0925-0001 Expiration Date: 02/28/2023

1. Vertebrate Animals Section			Analysis required if Vertebrate Animals Hand is Vertebrate
Are vertebrate animals euthanized?	Yes	☐ No	Answer required if Vertebrate Animals Used is Yes on the R&R Other Project Information form.
If "Yes" to euthanasia			
Is method consistent with American Veterinary Medical Association (AVMA) guidelines?	Yes	☐ No	
If "No" to AVMA guidelines, describe method and provide scientific justification			red if euthanasia is NOT consistent with ines. Up to 1000 characters.
2. *Program Income Section			
*Is program income anticipated during the periods f	or which the gra	ant support is i	requested?
Yes No			
If you checked "yes" above (indicating that program source(s). Otherwise, leave this section blank.	income is antic	cipated), then (	use the format below to reflect the amount and
*Budget Period *Anticipated Amount (\$)			*Source(s)
[Up to	150 characte	rs.	
Form accommodates up to 10 budg	et periods. Th	e number of	program income budget periods
must be less than or equal to the nu			
3. Human Embryonic Stem Cells Section	1		
*Does the proposed project involve human embryonic	stem cells?		Yes No
			ation number of the specific cell line(s) from the following list: referenced at this time, check the box indicating that one from
Specific stem of	cell line cannot b	oe referenced	at this time. One from the registry will be used.
Cell Line(s) (Example: 0004):			
Error if provided human emb http://stemcells.nih.gov/rese Registration Number (e.g., 0	arch/registry/ a	at time of sul	omission. Use NIH
4. Human Fetal Tissue Section			
*Does the proposed project involve human fetal tissue	obtained from	elective aborti	ons? Yes No No
If "yes" then provide the HFT Compliance Assurance			
Required if Yes. Cannot be included if No	Add Attachme	Delete Att	achment View Attachment
If "yes" then provide the HFT Sample IRB Consent Fo	orm		
Required if Yes. Cannot be included if No	Add Attachme	ent Delete Att	achment View Attachment

# **PHS 398 Cover Page Supplement**

5. Inventions and Patents Section (for Renewal applications)  SBIR/STTR: Only applies to Phase II applications.
*Inventions and Patents: Yes No No
If "Yes" then answer the following:
*Previously Reported: Yes No No
6. Change of Investigator/Change of Institution Section Change of Investigator not allowed for Revision applications.
Change of Project Director/Principal Investigator
Name of former Project Director/Principal Investigator:
Prefix:
*First Name:
Middle Name:
*Last Name: If change of PD/PI box is checked, you must provide the last name of the former PD/PI.
Suffix:
Change of Grantee Institution  *Name of former institution:
If change of Grantee Institution box is checked, you must provide the name of former institution.

Consider entire project (work done by applicant and subawards).  RESEARCH & RELATED Other Project Information  OMB Number: 4040-0001  Expiration Date: 12/31/2022
Answer Yes if human subjects activities are part of the proposed project at any performance
site. If Yes, additional information may be required on the PHS Human Subjects and Clinical Trials Information form.
1.a. If YES to Human Subjects Only answer Yes if all the proposed research human subject studies are exempt.
Is the Project Exempt from Federal regulations? Yes No  If including multiple study records, enter
If yes, check appropriate exemption number.
If no, is the IRB review Pending? Yes No IRB Approval Date is not required at time of submission; may be requested later in the pre-award process as Just-In-Time data. Date cannot be in the future.
If Human Subjects = Yes, enter the text 'None' or the approved Federalwide
Assurance (FWA) number on file with OHRP. Enter the 8-digit number only.
2. Are Vertebrate Animals Used?  Answer Yes if vertebrate animals activities are part of the prosed project at any
2.a. If YES to Vertebrate Animals performance site. If Yes, an additional attachment is required on the PHS 398 Research Plan form.
Is the IACUC review Pending? Yes IACUC Approval Date is not required at time of submission; may be requested later
IACUC Approval Date: in the pre-award process as Just-In-Time data. Date cannot be in the future.
Animal Welfare Assurance Number: If Vertebrate Animals = Yes, enter the text 'None' or the Office of Laboratory Animal Welfare (OLAW)-approved Animal Welfare Assurance Number.
3. Is proprietary/privileged information included in the application? <u>Yes</u> <u>No</u>
4.a. Does this Project Have an Actual or Potential Impact - positive or negative - on the environment?    Yes   No
4.b. If yes, please explain: If 4a is Yes, then 4b is required. Up to 55 characters.
4.c. If this project has an actual or potential impact on the environment, has an exemption been authorized or an environmental assessment (EA) or environmental impact statement (EIS) been performed?
4.d. If yes, please explain: If 4c is Yes, then 4d is required. Up to 55 characters.
5. Is the research performance site designated, or eligible to be designated, as a historic place?
5.a. If yes, please explain: If 5 is Yes, then 5a is required. Up to 55 characters.
6. Does this project involve activities outside of the United States or partnerships with international collaborators?  Yes No
6.a. If yes, identify countries: If 6 is Yes, then a list of countries is required in 6a. Abbreviations can be used. Up to 55 characters.
6.b. Optional Explanation: Up to 55 characters.
7. Project Summary/Abstract Succinct project summary of proposed work. Typically 30 lines or less; system will give error if over 1 page. If awarded this information becomes public. Do not include proprietary or confidential information.
8. Project Narrative Typically 2-3 sentence statement of public health relevance; system will give error if over 1 page.
9. Bibliography & References Cited Required unless otherwise noted in opportunity. Not system enforced. It View Attachment
10. Facilities & Other Resources Required unless otherwise noted in opportunity. Research must be performed in U.S. facilities. Foreign sites must be approved by the funding officer.
11. Equipment Required unless otherwise noted in opportunity. Limited system enforcement.
12. Other Attachments Add Attachments Delete Attachments View Attachments
Only provide Other Attachments when requested in the funding opportunity announcement, notice of special interest or application guide. If provided, follow any guidance regarding attachment filenames.
Field accommodates multiple attachments.

OMB Number: 4040-0010 Expiration Date: 12/31/2022

## **Project/Performance Site Location(s)**

Project/Performance			vidual, and not on behalf of a com other type of organization.	pany, state,
Organization Name:	DO NOT check box	c. NIH only acce	epts applications from register	ed organizations.
DUNS Number:	DUNS required and enforced by NIH.	. Must be 9 or 1	13 digits; no letters or special o	characters.
* Street1:				
Street2:				
* City:	C	County:		
* State:				
Province:				
* Country: USA: U	UNITED STATES			
* ZIP / Postal Code:	*	Project/ Perform	nance Site Congressional District:	
Project/Performance Organization Name:  DUNS Number:  * Street1:  Street2:  * City:  * State:  Province:  * Country: USA: U	Optional for non-primary sites. Helps facilitate application processing, so include if you have it.	L County:	List all performance sites, inclusites. Provide a list of resource each site in the Facilities & Other form. Describe any consortium arrangements in the Consortium Arrangements attachment on t Research Plan form or equival	uding any foreign es available from her Resources Project Information n/contractual im/Contractual the PHS 398
* ZIP / Postal Code:		Project/ Perform	nance Site Congressional District:	
include a	commodates up to 300 sites. Use the Additional Loany sites over 300. See Additional Performance Sites and Sites over 300. See Additional Performance Sites over 300. See Additional Performance Sites over 300. See Additional Section	te Format page	ment to	Attachment

OMB Number: 4040-0001 Expiration Date: 12/31/2022

# RESEARCH & RELATED Senior/Key Person Profile (Expanded)

PROFILE - Project Director/Principal Investigator				
Prefix: * First Name: Middle Name:				
* Last Name: Suffix:				
Position/Title: Department:				
Organization Name: Division:				
* Street1: Organization Name required by NIH for all Sr/Key entries. This information is used by NIH staff to determine potential review conflicts of interest.				
Street2:				
* City: County/ Parish:				
* State: Province:				
* Country: USA: UNITED STATES				
* Phone Number: Fax Number:				
* E-Mail: VALID ERA COMMONS USERNAME MUST BE SUPPLIED. Contact PD/PI must be				
Credential, e.g., agency login: Commons with applicant organization. Commons account designated on this form she both the PI and SO roles (if PD/PI also serves as SO, use a separate account for SO				
* Project Role: PD/PI Cother Project Role Category:	diodono).			
Project Role will default to PD/PI and must remain PD/PI (do not edit - we string match	).			
Degree Year: Required. Limited to 5 pages. Format page, instructions and samples:				
http://grants.nih.gov/grants/forms/biosketch.htm	mont			
Only provide Current & Dending Current if angelfically requested in	ment			
FOA. May be requested later in pre-award process as Just-In-Time data.	ment			
PROFILE - Senior/Key Person 1				
Prefix: * First Name: Middle Name:				
* Last Name: Suffix:				
Position/Title: Department:				
Organization Name:				
Organization Name required by NIH for all Sr/Key entries. This information is				
Street2: used by NIH staff to determine potential review conflicts of interest.				
* City: County/ Parish:				
* State: Province:				
* Country: USA: UNITED STATES * Zip / Postal Code:				
* Phone Number: Fax Number:				
* E-Mail: For multiple PD/PI, you must use the PD/PI role, provide the eRA Commons username in the	Credential			
Credential, e.g., agency login:  Targeting January 25, 2022 due dates, Credentials required for all Sr/Key (NOT-OD-21-109).				
* Project Role: Other Project Role Category:				
Degree Type:				
Degree Year: Required. Limited to 5 pages. Format page, instructions and samples:				
Attach Biographical Sketch http://grants.nih.gov/grants/forms/biosketch.htm	ment			
Attach Current & Pending Support  Attach Current & Pending Support  Add Attachment  Delete Attachment  View Attach				
	mont			
Can collect data for 100 Sr/Key personnel (including PD/PI). Option to provide attachment for additional Sr/Key info is available after the 100 entries are made. See Additional Senior/Key Person Profiles format page at: https://grants.nih.gov/grants/forms/additional-senior-key-person-profile.htm.	son			

R&R Budget	t form must be u	sed if the appli	ication requests >	\$250K in any	budget perio	od, is sub	mitted by	a forei	gn institut	tion, or proposes t	ne use of human fetal tis	sue from elective abortions.
		UNS for the or eflected on thi	ganization whose is form.	RESEA	RCH & RE	ELATED	BUDGE	T - Bu	idget Pe	eriod 1		OMB Number: 4040-0001 Expiration Date: 12/31/2022
ORGANIZAT	TIONAL DUNS:		Ent	ter name of O	rganization	n:						
Budget Type	e: Projec		ward/Consortium mary applicant org	ganization		Budg	et Perioc	: 1	Start Da	ate:	End Date:	
A. Senior/K	ey Person		Budget Type of P								ible effort in either Calen and Summer Months.	dar
			neasurable effort i	, ,	•			Мо	nths 🖊	Requested	Fringe	Funds
Prefix	First	Middle	Last	Suffix	Ba	se Salary	(\$)	ai. A	cad. Sum	n. Salary (\$)	Benefits (\$)	Requested (\$)
	ple: PD/PI		Secretaria de Contra								red prior to award.	
then their inf	formation should	be entered or	Research Institution the RI subaward the RI subaward tet can be blank o	budget PD	IR: There m /PI for each							
Additional Ser	nior Key Persons	:	Λ	Add	d Attachment	Delete	Attachme	nt Vie	ew Attachr		requested for all Senior rsons in the attached file	
			Sr/Key, use attac	hment and en	ter total fund	ds reques	ted for a	Iditiona	I Sr/Kev i		Total Senior/Key Person	
	L	m more than e	Omtoy, doc allac			- Toquot	101 40	antiona	· Oiritoy	perdonie.	Total Sellion/Rey Ferson	
B. Other Pe	ersonnel Aggr	egate informat	tion should be pro	vided in section	n B and exp	olained in	Budget J	ustifica	tion.			
Number of		ct Role				•	Months	_		Requested	Fringe	Funds
Personnel	_					Cal.	Acad.	Sum.		Salary (\$)	Benefits (\$)	Requested (\$)
	Post Doctora								_			
	Graduate Stu	udents							_			
	Undergradua	ate Students										
	Secretarial/C	Clerical										
	You can r	name un to 6 a	idditional Project I	Role categorie	s. Once dat	a for the	first user-	defined	Project F	Role is entered vo	u will have the option to	
											the Budget Justification.	
	Total Number	Other Personr	nel								Total Other Personnel	
								Tota	l Salary	, Wages and Fr	inge Benefits (A+B)	
										-	,	

#### C. Equipment Description List items and dollar amount for each item exceeding \$5,000 Funds Requested (\$) **Equipment item** Once equipment data is entered, you will be able to add up to 9 more rows to this section for a total of 10 equipment items. **Additional Equipment:** Add Attachment **Delete Attachment** View Attachment Total funds requested for all equipment listed in the attached file **Total Equipment** D. Travel Funds Requested (\$) Domestic Travel Costs (Incl. Canada, Mexico and U.S. Possessions) Generally, Foreign Travel Costs do not apply to SBIR/STTR applications. Foreign Travel Costs **Total Travel Cost** E. Participant/Trainee Support Costs Funds Requested (\$) Tuition/Fees/Health Insurance Only complete this section if requested to do so in the funding opportunity announcement. Stipends Travel Subsistence Other

**Number of Participants/Trainees** 

**Total Participant/Trainee Support Costs** 

F. Other Direct Costs	Funds Requested (\$)
1. Materials and Supplies	
2. Publication Costs	
3. Consultant Services	
4. ADP/Computer Services	Subaward/Consortium/Contractural
5. Subawards/Consortium/Contractual Costs	Costs are not pre-populated. Include
6. Equipment or Facility Rental/User Fees	both Direct and Indirect costs.
7. Alterations and Renovations	
8. If requesting Technical and Business Assistance (TABA) funding, you must include a "Technical Assistance" line item in line 8, 9, or 10. See NOT-OD-21-062. 9.	
If proposing the use of human fetal tissue from elective abortions, you must include a "Human Fetal Tissue Costs" line item in line 8, 9 or 10.	
Total Other Direct C	Costs
G. Direct Costs	Funds Requested (\$)
Total Direct Costs (A thr	
H. Indirect Costs	
Indirect Cost Type Indirect Cost Rate (%) Indirect Cost Base	e (\$) Funds Requested (\$)
indirect dost Type	e (ψ) Tunus Nequesteu (ψ)
Applicants without a NIII I regetisted Indicat Cost Data	
Applicants without a NIH-negotiated Indirect Cost Rate can request up to 40% in both Phase I and Phase II.  Total Indirect Co	osts
Cognizant Federal Agency	USIS
(Agency Name, POC Name, and POC Phone Number)	
. Total Direct and Indirect Costs	Funds Requested (\$)
Total Direct and Indirect Institutional Costs (G	+ H)
J. Fee A reasonable fee, not to exceed 7% of total costs for each Phase of the project is availa	Funds Requested (\$)
with SBIR/STTR awards. A Fee cannot be entered for a Subaward/Consortium budget.	
K. Total Costs and Fee	Funds Requested (\$)
Total Costs and Fee (I	l + J)
L. Budget Justification	
Only attach one file.)  Add Attachment  Delete At	Attachment View Attachment
Budget Justification is required and must	

## **RESEARCH & RELATED BUDGET - Cumulative Budget**

Cumulative Budget is system generated based on budget period data provided.

	Tota	ıls (\$)	
Section A, Senior/Key Person			
Section B, Other Personnel			
Total Number Other Personnel			
Total Salary, Wages and Fringe Benefits (A+B)			
Section C, Equipment			
Section D, Travel			
1. Domestic			
2. Foreign			
Section E, Participant/Trainee Support Costs			
1. Tuition/Fees/Health Insurance			
2. Stipends			
3. Travel			
4. Subsistence			
5. Other			
6. Number of Participants/Trainees			
Section F, Other Direct Costs			
1. Materials and Supplies			
2. Publication Costs			
3. Consultant Services			
4. ADP/Computer Services			
5. Subawards/Consortium/Contractual Costs			
6. Equipment or Facility Rental/User Fees			
7. Alterations and Renovations			
8. Other 1			
9. Other 2			
<b>10</b> . Other 3			
Section G, Direct Costs (A thru F)			
Section H, Indirect Costs			
Section I, Total Direct and Indirect Costs (G + H)			
Section J, Fee			
Section K. Total Costs and Fee (I + J)			

The actual look of this form will vary based on your submission method. In ASSIST, use the Add Optional Form action to add the R&R Subaward Budget tab to your application.

OMB Number: 4040-0001 Expiration Date: 12/31/2022

## R&R SUBAWARD BUDGET ATTACHMENT(S) FORM

Instructions: On this form, you will attach the R&R Subaward Budget files for your grant application. Complete the subawardee budget(s) in accordance with the R&R budget instructions. Please remember that any files you attach must be a PDF document.

Click here to extract the R&R Subaward Budget Attachment

Important: Please attach your subawardee budget file(s) with the file name of the subawardee organization. Each file name must be unique.

1) Please attach Attachment 1	Add Attachment	Delete Attachment	View Attachment			
2) Please attach Attachment 2	Add Attachment	Delete Attachment	View Attachment			
3) Please attach Attachment 3	Add Attachment	Delete Attachment	View Attachment			
4) Please attach Atta The sum of all subaward budgets (e.g., those attached separately on this form and those provided as part of the budget justification), must be included in Line F.5 Subawards/Consortium/						
5) Please attach Atta Contractual Costs of the parent budget.	in, mast be included in Line	1 .5 Subawaius/Collsc	v Attachment			
6) Please attach Atta		. Labara de Libra	v Attachment			
7) Please attach Atta converted to PDF and included as part of	award budgets, budgets 31 a f the Budget Justification of t	ind above should be he parent budget in Sc	ection v Attachment			
8) Please attach Atta K of the R&R Budget form. This form should only be used in conjunction with the R&R Budget						
9) Please attach Atta			v Attachment			
10) Please attach Attachment 10	Add Attachment	Delete Attachment	View Attachment			
11) Please attach Attachment 11	Add Attachment	Delete Attachment	View Attachment			
12) Please attach Attachment 12	Add Attachment	Delete Attachment	View Attachment			
13) Please attach Attachment 13	Add Attachment	Delete Attachment	View Attachment			
14) Please attach Attachment 14	Add Attachment	Delete Attachment	View Attachment			
15) Please attach Attachment 15	Add Attachment	Delete Attachment	View Attachment			
16) Please attach Attachment 16	Add Attachment	Delete Attachment	View Attachment			
17) Please attach Attachment 17	Add Attachment	Delete Attachment	View Attachment			
18) Please attach Attachment 18	Add Attachment	Delete Attachment	View Attachment			
19) Please attach Attachment 19	Add Attachment	Delete Attachment	View Attachment			
20) Please attach Attachment 20	Add Attachment	Delete Attachment	View Attachment			
21) Please attach Attachment 21	Add Attachment	Delete Attachment	View Attachment			
22) Please attach Attachment 22	Add Attachment	Delete Attachment	View Attachment			
23) Please attach Attachment 23	Add Attachment	Delete Attachment	View Attachment			
24) Please attach Attachment 24	Add Attachment	Delete Attachment	View Attachment			
25) Please attach Attachment 25	Add Attachment	Delete Attachment	View Attachment			
26) Please attach Attachment 26	Add Attachment	Delete Attachment	View Attachment			
27) Please attach Attachment 27	Add Attachment	Delete Attachment	View Attachment			
28) Please attach Attachment 28	Add Attachment	Delete Attachment	View Attachment			
29) Please attach Attachment 29	Add Attachment	Delete Attachment	View Attachment			
30) Please attach Attachment 30	Add Attachment	Delete Attachment	View Attachment			

## PHS 398 Research Plan

OMB Number: 0925-0001 Expiration Date: 02/28/2023

Introduction				
1. Introduction to Application (for Resubmission and Revision applications)  Limited to 1 page. Required for Resubmission and Revision applications.				
Research Plan Section				
2. Specific Aims	Required. Limited to 1 page. Add Attachment Delete Attachment View Attachment			
3. *Research Strategy	Required: Phase I SBIR/STTR: limited to 6 pages. Phase II: SBIR/STTR and Fast Track SBIR/STTR: limited to 12 pages.			
4. Progress Report Publication List	Add Attachment Delete Attachment View Attachment			
Other Research Plan Section				
5. Vertebrate Animals	Required if Vertebrate Animals is Yes on the Other Project Information form.			
6. Select Agent Research	Add Attachment Delete Attachment View Attachment			
7. Multiple PD/PI Leadership Plan	Required if more than one PD/PI is specified on R&R Sr/Key Person Profile form.			
8. Consortium/Contractual Arrangements	Add Attachment Delete Attachment View Attachment			
9. Letters of Support	Add Attachment Delete Attachment View Attachment			
10. Resource Sharing Plan(s)	Add Attachment Delete Attachment View Attachment			
11. Authentication of Key Biological and/or Chemical Resources  Required if project involves key biological and/or chemical resources page. No system validation enforcement.				
Appendix				
12. Appendix Add Attachments	Delete Attachments View Attachments			
	attachments to circumvent page limits in other sections of tions will be withdrawn and not reviewed if they are			
submitted with appendix material that are not specifically listed in notice NOT-OD-17-098 or the FOA as allowed or required.				
Allows for up to 10 appendices. See Application Guide and announcement for restrictions.				
Appendices are stored separately in the eRA Commons (not as part of the application image) and are accessible to appropriate agency staff and peer				

Form only included in small business funding opportunity announcements.

## **SBIR/STTR Information**

OMB Number: 4040-0001

Expiration Date: 12/31/2022 \* Agency to which you are applying (select only one) Check HHS for all NIH, CDC, and FDA DOE Other: HHS USDA submissions The 9-digit code is included in the registry filename received Required. \* SBC Control ID: (This 9 digit code is obtained from the Small Business Administration) from SBA upon registration (e.g., SBC 123456789.pdf.) \* Program Type (select only one) Must select SBIR or STTR (not Both). SBIR STTR Both (See agency-specific instructions to determine whether a particular agency allows a single submission for both SBIR and STTR) SBIR only & only when Not valid for HHS Not valid for HHS \* Application Type (select only one) allowed in FOA. (NIH, CDC, FDA). (NIH, CDC, FDA). Phase IIA V Direct Phase II Phase IIC Phase I Phase II Fast-Track Phase IIB Commercialization Readiness Program (See agency-specific instructions to determine application type participation.) Check opportunity for Leave blank. N/A for HHS (NIH, CDC, FDA) submissions. allowable Application Types. Phase I Letter of Intent Number: Workspace users: Enter 0. Optional. \* Agency Topic/Subtopic: Questions 1-7 must be completed by all SBIR and STTR Applicants: \* 1a. Do you certify that at the time of award your organization will meet the eligibility criteria for a small business as defined in the funding opportunity announcement? Selection required. Must meet SBIR/STTR eligibility requirements at time of award (not submission). No \* 1b. Anticipated Number of personnel to be employed at your organization at the time of award. Required. Yes \* 1c. Is your small business majority owned by venture capital operating companies, hedge funds, or private equity firms? No Selection required. Yes \* 1d. Is your small business a Faculty or Student-Owned entity? No Selection required. \* 2. Does this application include subcontracts with Federal laboratories or any other Federal Government agencies? Yes \* If yes, insert the names of the Federal laboratories/agencies: Selection required. Required if Yes. Up to 250 characters. Cannot include if No. \* 3. Are you located in a HUBZone? To find out if your business is in a HUBZone, use the mapping utility provided by the Small Business Administration at its web site: http://www.sba.gov No Selection required. \* 4. Will all research and development on the project be performed in its entirety in the United States? Yes f no, provide an explanation in an attached file No Selection Explanation: Required if No. Cannot include if Yes. d Attachment **Delete Attachment** View Attachment required. \* 5. Has the applicant and/or Program Director/Principal Investigator submitted proposals for essentially equivalent work under other Yes Federal program solicitations or received other Federal awards for essentially equivalent work? Nο Selection \* If yes, insert the names of the other Federal agencies: required. Required if Yes. Up to 250 characters. Cannot include if No. Yes \* 6. Disclosure Permission Statement: If this application does not result in an award, is the Government permitted to disclose the title of your proposed project, and the name, address, telephone number and email address of the official signing for the applicant organization to No state-level economic development organizations that may be interested in contacting you for further information (e.g., possible Selection collaborations, investment)? required. \* 7. Commercialization Plan: The following applications require a Commercialization Plan: Phase I (DOE only), Phase II (all agencies), Phase I/II Fast-Track (all agencies). Include a Commercialization Plan in accordance with the agency announcement and/or agency-specific instructions. Required for Phase II, Direct Phase II, Phase IIB, Phase1/Phase II Fast-Track and \* Attach File: Commercialization Readiness Program applications. Limited to 12 pages

# **SBIR/STTR Information**

	Anguage apply required for CDU	Dannlingtions					
SBIR-Sp	pecific Questions: Answers only required for SBII	R applications.					
Questions question	s 8 and 9 apply only to SBIR applications. If you are subm 10.	nitting <u>ONLY</u> an STTR a	pplication, leave questi	ions 8 and 9 blank and proceed to			
Yes No  * 8. Have you received SBIR Phase II awards from the Federal Government? If yes, provide a company commercialization historical accordance with agency-specific instructions using this attachment.							
	* Attach File:	Add Attachment	Delete Attachment	View Attachment			
Yes	* 9. Will the Project Director/Principal Investigator have his/	her primary employment	with the small business	at the time of award?			
☐ No							
	•						
STTR-S	pecific Questions: Answers only required for STT	TR applications.					
·	s 10 - 12 apply only to STTR applications. If you are subm	itting ONLV an SRIR ar	nnlication leave questin	ons 10 - 12 hlank			
Questions	s то - 12 аррну отну to 3 гтл арртсанонз. п you are subm	mung <u>ONET</u> an SBIN ap	phication, leave question	5115 TV - 12 DIATIK.			
Yes	* 10. Please indicate whether the answer to BOTH of the fo	ollowing questions is TRL	JE:				
□   □ No	(1) Does the Project Director/Principal Investigator have a formal appointment or commitment either with the small business directly						
	(as an employee or a contractor) OR as an employee of the Research Institution, which in turn has made a commitment to the						
	small business through the STTR application process; AND (2) Will the Project Director/Principal Investigator devote at least 10% effort to the proposed project?						
Yes	* 11 In the joint research and development proposed in this	s project, does the small	husiness nerform at leas	t 40% of the work and the research			
☐ No	institution named in the application perform at least 30% of the work?						
	* 12. Provide DUNS Number of non-profit research partner	for STTR.					
	Enter the DUNS or DUNS+4 number of the non-profit research partner for the STTR applicant.						

Our Human Subjects Research and Clinical Trial Requirements for Grants and Contracts sites have additional information and resources.

### **PHS Human Subjects and Clinical Trials Information**

Complete human subjects section of R&R Other Project Information form prior to completing this form.

OMB Number: 0925-0001

				Expiration Date: 02/28/2023
Use of Human Specimens	and/or Data			
·	ed research in the application involve human s	pecimens and/or data	? Yes No	Answer required for all applications.
Provide an explanation fo	r any use of human specimens and/or data no	ot considered to be hu	man subjects research.	
			uses human specimens and/or	r data not considered to be
	human subjects research.	<u> </u>	'	
Please complete the human su	ojects section of the Research & Related Other	er Project Information t	form prior to completing this form.	
	om the Research & Related Other Project Info			
	Are Human Subjects Involved?	Yes	No	Information populated
	Is the Project Exempt from Federal regulation	ons? Yes	□ No	from R&R Other Project Information form.
	Exemption number:	 12 [	345678	
If No to Human Subjects				
Skip the rest of the PHS	Human Subjects and Clinical Trials Information	on Form.		
If Van to Lluman Subjects	Steps fo	r adding a study i	record will vary based on subn	nission method
If Yes to Human Subjects	used (AS	SSIST, system-to	-system solution, Grants.gov \	Workspace).
studies are those for which	oposed Human Subject Study by selecting "Ach there is no well defined plan for human sub et studies, you will provide a study name and	ject involvement at the	e time of submission, per agency polici	es on Delayed Onset
•		justilication for offissi	on of numan subject study information.	
Other Requested Informati	Only provide an Other Reque		attachment when specifically	requested in
	the funding opportunity anno	uncement text or	application guide.	
	Click here to extract the Human	Subject Study Reco	ord Attachment	
Study Record(s)				
Attach human subject study reco	rds using unique filenames.			
1) Please attach Human Su	bject Study 1		Add Attachment Dele	ete Attachment View Attachment
	Cannot add a Delayed Onset Stud	dy if you Delay	red onset does NOT apply to a	a study that can be described
Delayed Onset Study(ies)	answer No to human subjects que R&R Other Project Information for	estion on but w		elayed start). Multiple delayed
	Study Title	Anticipated Clinical Trial?	Justific	cation
	7			
onset study. Up to 6	m enforced for each delayed 600 characters. Study title must		Add Attachment Delete At	tachment View Attachment
	e application. First 150 ill show in application bookmark.	/		em enforced for each delayed
	If Anticipated Clinical Tria	I al box is checked		ition to justification, must regarding how the study will
	funding opportunity anno		I I I I I I I I I I I I I I I I I I I	
	clinical trials. When multi			H single Institutional Review

in the same delayed onset record, select Yes if it

is anticipated that any study will be a clinical trial.

Board (sIRB) policy prior to initiating any multi-site

study, as well as, a plan for the dissemination of

NIH-funded clinical trial information.

Cannot add a Study Record if you answer No to Human Subjects question on R&R Other Project Information form.

HS = Human Subjects CT = Clinical Trials

## Study Record: PHS Human Subjects and Clinical Trials Information

Expiration Date: 02/28/2023 \* Always required field Section 1 - Basic Information 1.1. \* Study Title (each study title must be unique) Required and system enforced. Up to 600 characters. Study title must be unique within the application. First 150 characters of title will show in application bookmark. Answer required and system enforced. Yes No 1.2. \* Is this Study Exempt from Federal Regulations? If Study Exempt is Yes, must provide  $\square$ 1  $\square$ 2  $\square$ 3  $\square$ 4  $\square$ 5  $\square$ 6  $\square$ 7  $\square$ 8 1.3. Exemption Number exemption number. Exemption must also be selected on Other Project Answers to guestionnaire required and system enforced. 1.4. \* Clinical Trial Questionnaire 
See also NIH's Definition of a Clinical Trial Information form. 1.4.a defaults to Yes and is not editable. If the answers to all four questions below are yes, this study meets the definition of a Clinical Trial. Yes 1.4.a. Does the study involve human participants? No If four questions are 1.4.b. Are the participants prospectively assigned to an intervention? Yes No all Yes AND FOA allows clinical trials, No 1.4.c. Is the study designed to evaluate the effect of the intervention on the participants? Yes then study will be No 1.4.d. Is the effect that will be evaluated a health-related biomedical or behavioral outcome? Yes flagged as a Clinical Trial (CT) study. 1.5. Provide the ClinicalTrials.gov Identifier (e.g., NCT87654321) for this trial, if applicable Optional. Provide NCT# for this study, if available. Newly proposed studies do not need to be entered in ClinicalTrials.gov at time of application. If building on an existing study, enter NCT# for ancillary study (if available), not the parent study. Section 2 - Study Population Characteristics 2.1. Conditions or Focus of Study Required and system enforced unless exemption 4 is only exemption selected. Up to 20 conditions at 255 characters each. Dropdown list: If "N/A (No Required and system enforced unless Dropdown list: Years, Years, Months, Limit)" selected, exemption 4 is only exemption selected Months, Weeks, Days, 2.2. Eligibility Criteria Weeks, Days, do not provide or otherwise noted in opportunity. Hours, Minutes, N/A Hours, Minutes, N/ numerical min/ (No limit) Required and system enforced unless exemption 4 is only A (No limit) max age. exemption selected or otherwise noted in opportunity. 2.3. Age Limits Minimum Age Maximum Age Required and system enforced unless exemption 4 is only exemption selected. See 2.3.a. Inclusion of Individuals Across the Lifespan nclusion of Individuals Across the Lifespan as Participants in Research Involving Human Subjects Required and system enforced unless exemption 4 is only exemption selected. 2.4. Inclusion of Women and Minorities See Inclusion of Women and Minorities as Participants in Research Involving Human Subjects. Required and system enforced unless exemption 4 is the 2.5. Recruitment and Retention Plan Attachment View Attachment only exemption selected or otherwise noted in opportunity. 2.6. Recruitment Status Required and system enforced unless exemption 4 is the only exemption selected or otherwise noted in opportunity. View Attachment Required and system enforced for CT study unless 4 is the Attachment 2.7. Study Timeline only exemption selected or otherwise noted in opportunity. 2.8. Enrollment of First Participant Enrollment of First Participant field is required and Dropdown list: system enforced unless exemption 4 is only Date: MM/DD/YYYY. Anticipated, exemption selected or using existing dataset. Actual 2.9. Inclusion Enrollment Report(s) Inclusion Enrollment Reports required and system Add Inclusion Enrollment Report enforced unless exemption 4 is only exemption selected or otherwise noted in opportunity. Up to 20 Inclusion Enrollment Reports can be added.

OMB Number: 0925-0001

# **Inclusion Enrollment Report**

1. * Inclusion Enrollment Report Title	
Required. Up to 600 characters.	
2. * Using an Existing Dataset or Resource Yes No	swer required and system enforced.
	ver required and system enforced. Do not mix domestic and foreign llment data on the same inclusion enrollment report.
4. Enrollment Country(ies)	
Multi-select from list of countries.	
5. Enrollment Location(s)	
5. Enrollment Location(s)	
6. Comments	
Up to 500 characters.	

### **Planned**

Planned enrollment information is required and system enforced when answer to "Using an Existing Dataset or Resource" question is No. System enforcement relaxed if Comment is provided.

	Ethnic Categories						
Racial Categories	Not Hispan	ic or Latino	Hispanic	Total			
	Female	Male	Female	Male			
American Indian/ Alaska Native	0	0	0	0	0		
Asian	0	0	0	0	0		
Native Hawaiian or Other Pacific Islander	0	0	0	0	0		
Black or African American	0	0	0	0	0		
White	0	0	0	0	0		
More than One Race	0	0	0	0	0		
Total	0	0	0	0	0		

### **Cumulative (Actual)**

Cumulative (Actual) enrollment information is required and system enforced when answer to "Using an Existing Dataset or Resource" question is Yes. System enforcement relaxed if Comment is provided.

			Ethnic Categories							
	Not Hispanic or Latino		His	Hispanic or Latino		Unknown/Not Reported Ethnicity		Total		
Racial Categories	Female	Male	Unknown/ Not Reported	Female	Male	Unknown/ Not Reported	Female	Male	Unknown/ Not Reported	
American Indian/ Alaska Native	0	0	0	0	0	0	0	0	0	0
Asian	0	0	0	0	0	0	0	0	0	0
Native Hawaiian or Other Pacific Islander	0	0	0	0	0	0	0	0	0	0
Black or African American	0	0	0	0	0	0	0	0	0	0
White	0	0	0	0	0	0	0	0	0	0
More than One Race	0	0	0	0	0	0	0	0	0	0
Unknown or Not Reported	0	0	0	0	0	0	0	0	0	0
Total	0	0	0	0	0	0	0	0	0	0

Report 1 of 1

Section 3 - Protection and Monitoring Plar	s							
3.1. Protection of Human Subjects  Required and system enforced.  Add Attachment  Delete Attachment  Vie								
3.2. Is this a multi-site study that will use	he same protocol to conduct non-exempt h	human subiects research a	t more than one domestic site?					
2. Is this a multi-site study that will use the same protocol to conduct non-exempt human subjects research at more than one domestic site?  Yes No N/A								
If yes, describe the single IRB plan	NIH: If Yes, not required. AHRQ: If Yes, required.	Add Attachment De	lete Attachment View Attachment					
3.3. Data and Safety Monitoring Plan	Required and system enforced fo	r CT study. Optional for H	S study. ent View Attachment					
3.4. Will a Data and Safety Monitoring Boa	rd be appointed for this study?							
	uired and system enforced for CT study u oted in opportunity. Optional for HS study							
3.5. Overall Structure of the Study Team	Optional.	Add Attachment De	lete Attachment View Attachment					
	not allowed to complete fields in Section 4 als and/or you answered No to one of the							
4.1. Study Design								
4.1.a. Detailed Description								
Up to 32,000 characters.								
Op to 32,000 characters.								
	ropdown list: Treatment; Prevention; Diagealth Services Research; Basic Science;							
4.1.c. Interventions Up to 20 Inter		Propdown list: Drug (includ						
Intervention Type	S	Surgery; Radiation; Behavi	oral (e.g.,					
Name Up	to 200 characters. (i	ncluding gene transfer, ste	em cell and					
Description		recombinant DNA); and Dietary Supplement (e.g., vitamins, minerals)						
	odown list: Early Phase 1 (or Phase 0); P se 2; Phase 2/3; Phase 3; Phase 4; and I							
Is this an Ni	H-defined Phase III clinical trial? Yes	s No						
	down list: Single Group; Parallel; Cross-orial; Sequential; and Other	Over;						
4.1.f. Masking Yes	☐ No Int ☐ Care Provider ☐ Investigator	Outcomes Assessor	If Masking is Yes, you must select at least 1 of the Participant/Care Provider/Investigator/ Outcomes Assessor					
4.1.g. Allocation Drop	odown list: N/A; Randomized; and Non-ra	indomized	check boxes.					
4. I.g. Allocation		IIIdomized						

4.2. Outcome Measures

At least one Outcome Measure required and system enforced for CT studies unless otherwise noted in opportunity. Up to 50 Outcome Measures allowed.

Name	Up to 255 characters.
Туре	Dropdown list: Primary; Secondary; and Other
Time Frame	Up to 255 characters.
Brief Description	Up to 999 characters.
4.3. Statistical Design and Power	Required and system enforced for CT study unless otherwise noted in opportunity.  Delete Attachment  View Attachment
4.4. Subject Participation Duration	Up to 255 characters. Required and system enforced for CT studies unless otherwise noted in opportunity.
4.5. Will the study use an FDA-regula 4.5.a. If yes, describe the available Device Exemption (IDE) status	Answer required and system enforced for CT study unless otherwise noted in opportunity.    Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.    Insurance   Answer required and system enforced for CT study unless otherwise noted in opportunity.
4.6. Is this an applicable clinical trial	under FDAAA? Yes No
4.7. Dissemination Plan	Required and system enforced for CT study. Generally one Dissemination Plan per application is sufficient. Can attach same plan (unique filenames) in multiple studies.
Section 5 - Other Clinical Trial-related	I Attachments
5.1. Other Clinical Trial-related Attach	ments Add Attachments Delete Attachments View Attachments
	Form supports up to 10 attachments. Attachments only allowed for

CT studies. Only include attachments requested in opportunity.

# **PHS Assignment Request Form**

OMB Number: 0925-0001 Expiration Date: 02/28/2023

Funding Opportunity Number:	Pre-populated from		
Funding Opportunity Title:	announcement information.		
Awarding Component Assignment Suggest	ions (optional)		
			opriate short abbreviation (e.g., "NCI" for National ver, not all assignment suggestions can be honored.
nformation about Awarding Component can be	e found here: https://grants.nih.gov/grants/ph	ns_assignment_information.htm#Awardi	ngComponents
Suggested Awarding Components:			Suggestions are considered with other assignment factors. Not all suggestions can be honored.
Study Section Assignment Suggestions (op	ntional)		
f you have a suggestion for a study section as: Study Sections." Remove all hyphens, parenth			on for that study section in the boxes for "Suggested uggestions can be honored.
For example, enter "CAMP" if you wish to sugg Healthcare Delivery and Methodologies SBIR/S		r Pathobiology study section, or "ZRG1F	HDMR" if you wish to suggest assignment to the NIH
nformation about Study Sections can be found	d here: <a href="https://grants.nih.gov/grants/phs_ass">https://grants.nih.gov/grants/phs_ass</a>	ignment_information.htm#StudySection	
Suggested Study Sections: Only 20 characters allowed			Suggestions are considered with other assignment factors. Not all suggestions can be honored.
Rationale for assignment suggestions (option	onal)		Entry is limited to 1000 characters.
Up to 1000 characters.			

FORMS-F Series (Updated July 6, 2021)

NIH Office of Extramural Research

# **PHS Assignment Request Form**

List individuals who should not re	ist individuals who should not review your application and why (optional)						
Provide specific reason why a	(e.g., name organization affiliatio an individual should not review yo vidual does not guarantee they w	our application. Information v					
Identify scientific areas of expertis <u>Note</u> : Do not provide names of individ		cation (optional)	3	4	5		
Expertise: Each entry is limited to 40 characters							

Limit your answers to expertise. DO NOT enter the names of individuals you'd like to review your application.

NIH Office of Extramural Research