Overview and Basic Data Entry Steps: Budget Section

This section is intended for experienced users, or those who have some familiarity with PennERA. New users may also find it helpful.

Expanded and more detailed instructions are included in the PennERA Proposal Development User's Guide:

- o Step-by-step instructions with screen shots.
- $_{\odot}$ Helpful for all user levels but especially for newer users.

All actions to add Penn and SubAward personnel and to create SubAwards can be initiated from the Personnel screen.

Budget details for Personnel, Non-Personnel, and SubAwards (subcontracts) are added from the Budget section.

NOTE: Penn Key and Non-Key Personnel and SubAwards may also be added in the Budget section.

Budget Section

This section provides a high-level overview of the Budget section.

The Budget section consists of several screens.

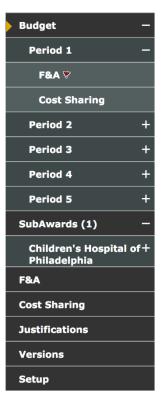
- Budget opens in a separate window; all other record screens may still be accessed from the record's browser window separately from this section.
- Screens may be accessed and edited in any order.
- Each screen can be accessed from the list in the left frame or from the primary "Budget" screen.
- Click + at the end of each screen item to expand and view additional screens within a Period or SubAward. This is an alternate method to accessing directly from "Budget".

Budget

- Data entry for all types of expense is entered and edited from the primary "Budget" screen.
- This screen is subdivided into Personnel, Non-Personnel, and SubAward sections.
- No personnel with 0% effort should appear in the Personnel section in Budget.
- Subcontract Adobe forms can be imported or exported here.
- Budgets may be exported to Excel spreadsheets.
- Budget totals for the entire project are summarized on this screen and may be viewed by Project, Sponsor, Institution (cost-sharing) or UnAllowable Costs.
- A PDF of the relevant S2S budget forms can be built and viewed.
- When all data entry is finished, this screen is marked "Completed" to lock the budget.

SubAwards

• This section provides an alternate method for creating and editing SubAward (subcontract) expense.



• Each SubAward is also listed and can be accessed from this link and expanded to view/edit each Period, Cost Sharing, and Justification.

F&A

- F&A is either calculated or manually entered on this screen.
- Summary F&A Breakdown information is available, as well as detail for each expense item.

Cost Sharing

- Cost sharing is displayed here if any cost sharing has been entered for expense items in "Budget".
- Cost sharing may also be manually entered here for each expense item.

Justifications

• Upload justification narrative when required.

Versions

- Create multiple versions of the overall budget.
- Download an Excel spreadsheet of any version.

Setup

GENERAL	PERIOD/DATES	CHANGE PI	BUDGET SOURCES	MECHANISM OPT IN/OUT
---------	--------------	-----------	----------------	----------------------

- Miscellaneous settings can be edited in this section, including:
 - $_{\odot}$ Period/Dates Add/remove Periods and change Project/Period Dates.
 - \circ Change PI.
 - $_{\odot}$ Mechanism Opt In/Out Opt out of miscellaneous high-level validations when appropriate, such as budget limits.

Budget Screen Display

	screen displa rom the Spor	·	Peni	n does not	use subpro	ojects; leave	e at "Not Rollup			
View) as the	e default view show Project	v but may be		Export to	Adobe for	ms or Excel	spreadsheet.			
Project Period: 01-Oct-2020 to 30-	Source Source Source	subprojects:	Proposal Structure Import/Export Build PDF Complete			Complete Budget				
	View budg	et elements		Only S	2S record	s. [Lock budget.			
	(Prime/Pei	nn and SubA	wards).	Cost Sharing [show]		Project [hide]				
Year/Period	Start	End	Total	Total	Direct	ts F&/	A Total			
1	01-Oct-2020	30-Sep-2021	75,248.41	-	61,741.5	0 13,506.93	1 75,248.41			
2	01-Oct-2021	30-Sep-2022	91,283.47	-	77,789.8	3 13,493.64	91,283.47			
3	01-Oct-2022	30-Sep-2023	93,097.99	-	79,381.8	4 13,716.1	5 93,097.99			
4	01-Oct-2023	30-Sep-2024	94,962.31	-	81,018.7	6 13,943.5	5 94,962.31			
5	01-Oct-2024	30-Sep-2025	96,877.85	-	82,701.8	9 14,175.96	5 96,877.85			
			\$ 451,470.03	\$ 0.00	\$ 382,633.82	\$ 68,836.21	\$ 451,470.03			
Personne [Show] Click [Show] to display entries for each heading; headings may be hidden again by clicking [Hide]. Non-Personne [Show] Add Bulk Entry SubAwarde [Show] Add Bulk Entry										
		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4		TAL COSTS			
	Sponsor Direct Cos		\$ 77,789.83 \$ 77,789.83	\$ 79,381.84 \$ 79,381.84	\$ 81,018.76 \$ 81,018.76		\$ 382,633.82 \$ 382,633.82			
Total Direct Costs I	Sponsor F8		\$ 77,789.83	\$ 79,381.84 13.716.15	\$ 81,018.76	\$ 82,701.89	68,836.21			
	Total Sponsor Cos		\$ 91,283.47	\$ 93,097.99	\$ 94,962.31		451,470.03			
**Not included in t		+ · · / - · · · ·	,, 11	,	, ,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,,	• • • • • •	,			

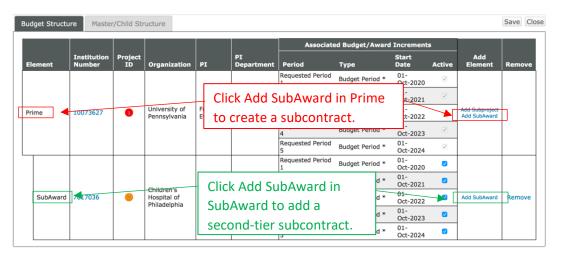
- 1. Source View
 - The budget defaults to the Sponsor View, that is, the funds being requested from the Sponsor.
 - \circ Users can change the view to select one of the other options to view expense entry.
- 2. Rollup subprojects
 - Penn does not use the subprojects component of Proposal Development; leave this set to "Not Rollup".



Rollup subprojects:



- 3. Proposal Structure
 - The elements of the Proposal Structure are Prime (Penn) and SubAwards.
 - SubAwards added on Personnel will already appear here, but may also be initiated in this section of Budget.



- 4. Import/Export
 - Export budgets:
 - ...to an Excel spreadsheet for internal use.
 - ...to Adobe Forms to send to a collaborating institution if Penn is a subcontractor.



Build PDF

Edit Mode

- Import a budget from Adobe Forms if this is a generic record and you have already completed this package.
 - **NOTE:** Since data entry in PennERA is simpler and most calculations are automated, it is recommended that users complete a detail budget in a PennERA generic record, then *export* that information to Adobe Forms.
 - **NOTE:** This is *not* the location for importing SubAward budgets from Adobe Forms. That step is completed in individual SubAward budgets.
- Extract a blank Adobe Form to send to collaborating institutions who will be SubAwardees on this application. It is completed and returned for importing in the SubAward budget.
- 5. Build PDF
 - In S2S records, the budget may be built to display a PDF of the completed budget form.
- 6. Complete Budget
 - Click this option to lock the budget when all data entry is completed.
 Complete Budget

Budget Screen Basic Data Entry

rsonnel [Hide]							
	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS	
Key Personnel							
Detail Ford, Evelyn PD/PI	\$ 2,610.28	\$ 2,610.28	\$ 2,610.28	\$ 2,610.28	\$ 2,610.28	\$ 13,051.40	
Non-Key Personnel							
Detail BITTO, CHRISTIAN Co- Investigator	26,102.79	26,102.79	26,102.79	26,102.79	26,102.79	130,513.95	Remov
Subtotal Personnel:	\$ 28,713.07	\$ 28,713.07	\$ 28,713.07	\$ 28,713.07	\$ 28,713.07	\$ 143,565.35	
dd New Profile Begin typing to select Personnel Nat	me Sel	ect Type	Sel	ect Role	Add F	Person	
n-Personnel [Show]						Add	l Bulk Ent
bAwards [Show]							

- 1. Personnel, Non-Personnel, and SubAwards headings
 - All expense is entered in one of these three sections.
 - Click [Hide] to hide the information in that section and leave only the heading visible.
 Once hidden, click [Show] to redisplay the section.
- 2. Personnel
 - Personnel identified as Key or Non-Key added on the Personnel screen will be displayed here.
 - Only personnel with effort are listed on the Budget screen.
 - Click Detail to enter salary, effort, fringe benefits, and cost sharing detail.
 - See the detailed instructions to add Key and Non-Key Personnel directly in this section.
- 3. Non-Personnel single-item expense entry



• Begin typing to select a Budget Category.



Click "Add Item".

	CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS	
Detail	Equipment (Purchased)	-	\$ 15,000.00	-	-	-	\$ 15,000.00	Delete

• Click Detail to enter amounts for each Period.

PennERA v15 Budget Overview and Basic Data Entry

4. Non-Personnel – bulk expense entry

Non-Personnel [Hide]	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS			
Detail Equipment (Purchased)	-	\$ 15.000.00	\$ 15.000.00	\$ 15.000.00	\$ 15.000.00	\$ 60.000.00	Delete		

- Click "Add Bulk Entry" to begin.
- In the Bulk Entry screen for each expense item:
 - $_{\odot}$ Select Budget Category and enter Description.
 - Choose Inflation option (manual or a specific value; manual is shown).
 - $_{\odot}$ Enter expense Amount for Period 1 and Inflation % for Period 2.
 - Future years will be automatically calculated.

Non-Personnel Costs Bulk Entry	Click to Add all items when entry is	
Select Budget Category INFLATION Description: Period 1 Inflation: Manual Entry Period 3 % Period 4 % Period 5 % Select Budget Category Period 1 Ø Period 2 Period 3 % Period 4 % Period 5 % Inflation: Manual Entry Period 3 % Period 4 % Period 3 % Period 4 % Period 4 %	% \$ % \$ % \$ % \$ % \$ % \$ % \$ % \$	
Period 5%	% \$0 Add New Row Add additional expense sections as needed.	

5. SubAwards

5	SubAwards [Hide]											
		INST/CONTRACTOR NAME	SUBAWARD NUMBER	PI	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS	
	Detail	Boston College	7017036	Castro Samayoa, Andres			- `				\$ 0.00	Delete
	Subtotal SubAwards: \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00 \$ 0.00											
(Begin typing to select a Subaward Institution name Begin typing to select a subawardPI Add SubAward Import											

- SubAwards entered in Personnel will already be displayed here, but additional SubAwards may be added.
- Click Detail to manually enter budget details for each SubAward or to import from Adobe Forms.
- Each SubAward screen displays with a "watermark" to aid in identifying that this is a SubAward budget data entry screen.

PennERA v15 Budget Overview and Basic Data Entry

	Periods [hide]		Spon	sor [show]	Cost Sharing [show]		Projec	ct [hide]	
Year/Period	Start	End		Total	Total	Din	ects	F&A	Tota
1	01-Oct-2021	30-Sep-2022		-	-		-	-	
2	01-Oct-2022	30-Sep-2023		-	-		-	-	
3	01-Oct-2023	30-Sep-2024		-			-	-	
4	01-Oct-2024	30-Sep-2025		-	-		-	-	
5	01-Oct-2025	30-Sep-2026			-				
				\$ 0.00	\$ 0.00	\$ 0.	00	\$ 0.00	\$ 0.00
onnel [Hide]	2012	PI		ERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COS	STS
	Samayoa, Andres	SubAward PI	-	-	÷	-	-		0.00
	Subtota	al Personnel:	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ 0.00	\$ (0.00
New Profile	Begin typing to select	Personnel Name	Selec	t Type	• -	- Select Role	*	Add Person	

• The data entry sections and method are identical to entering information in the Prime/Penn budget screens; those instructions may be followed to manually complete the information.

OR

- Click on Import/Export to Import budgets provided on Adobe Forms by SubAwardees.
- After locating the Adobe Form to import:
 - Map each Budget Period appropriately.
 - Identify a valid Department Name for each person "N/A", "None", and Penn ORG #s are *NOT* valid Department Names.
 - Select an appropriate budget Category, if necessary not always needed.
 - o Click Process
- Imported budgets are fully editable, if changes are needed.

		Г		-	Requested Period	s	
			1	2	3	4	5
University of Pen	nsylvania						
		Copy Budget	1 -	2 🔹	3 -	4 •	5 🔹
Personnel Mappi	ng						
Name (First Person in	the list below will replace subaward PI selected dur	ing subaward setup)	Depar	tment (optional)			
THOMAS, STEVEN A	Add New	ational Leadership 8	& Higher Education	•			
BETLEY, JOHN N	Add New Educational Leadership & Higher Education						
LEE, VIRGINIA M	Add New	Educational Leadership & Higher Education					
Research Associate	Add New		Educ	ational Leadership 8	& Higher Education	•	
Research Specialist	Add New		Educa	ational Leadership 8	& Higher Education	•	
Period 1					 		
Direct Cost Sponso	r Budget Category						
Other Costs Other	Costs	•					
Period 2							
Direct Cost Sponso	r Budget Category						

F&A Screen Basic Data Entry

F&A				Source View:	Sponsor 💌
Calculation rate method	Institution Base/Target S	scheme	\$96,686.10 \$96,686.10		Drift 👻 \$0.00
	Base Show Research	Rate Research (on campus)	62.500 Apply	Manual F&A]

- 1. F&A is automatically calculated for proposal records using federal sponsors.
 - PennERA defaults to the current F&A rate for Research projects and calculates all future years based on the negotiated rate agreement.
 - The rate may also be adjusted for those federal proposals that have other negotiated rates or a mandated rate listed in the Funding Opportunity Announcement.
 - Typical examples are NIH training grants (T's) and Career Development Awards (K's), which use 8%.

Base Show	Rate	Rate	Effective	
Research	Manual Entry	- 8.000	8.000	<u>Apply</u>

- 2. Generic records using non-federal sponsors requiring manual data entry.
 - Click Manual F&A to begin manual data entry.

Base Show	Rate	Effective		
Research	 Research (on campus) 	▼ 62.500	Apply	Manual F&A

• Totals may be manually entered for each expense item – recommended if the TDC is not the same as Modified Total Direct Cost (MTDC or F&A Base) – or entered as lump sum values in the F&A Breakdown section.

Prime**						
	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	TOTAL
Begud, John - 10073627	,					
Sponsor Directs	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	750,000.00
Sponsor F&A Base	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	750,000.00
Requested F&A	93,187.50	93,750.00	93,750.00	93,750.00	93,750.00	468,187.50
Directs & F&A Total	\$ 243,187.50	\$ 243,750.00	\$ 243,750.00	\$ 243,750.00	\$ 243,750.00	\$ 1,218,187.50
	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	TOTAL
Direct Cost Totals	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 750,000.00
F&A Base Totals**	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 750,000.00
F&A Totals	\$ 93,187.50	\$ 93,750.00	\$ 93,750.00	\$ 93,750.00	\$ 93,750.00	\$ 468,187.50
Grand Totals	\$ 243,187.50	\$ 243,750.00	\$ 243,750.00	\$ 243,750.00	\$ 243,750.00	\$ 1,218,187.50
**Not included in Grand	Totals					

**Not included in Grand Tot

F&A Breakdown

PERIOD	START DATE	END DATE	INDIRECT COST TYPE	RATE	BASE	AMOUNT
💌 1 Detail	01-Oct-2020	30-Jun-2021	Research	62.000	112,500.00	69,750.00 Clear
Detail	01-Jul-2021	30-Sep-2021	Research	62.500	37,500.00	23,437.50 Clear
🗹 2 Detail	01-Oct-2021	30-Sep-2022	Research	62.500	150,000.00	93,750.00 Clear
🗹 3 Detail	01-Oct-2022	30-Sep-2023	Research	62.500	150,000.00	93,750.00 Clear
🗹 4 Detail	01-Oct-2023	30-Sep-2024	Research	62.500	150,000.00	93,750.00 Clear
🗹 5 Detail	01-Oct-2024	30-Sep-2025	Research	62.500	150,000.00	93,750.00 Clear
				Total	\$ 750.000.00	\$ 468,187,50

8

Cost Sharing Screen Basic Data Entry

Non-Person	inel Costs						
		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	TOTAL
Detail O	ther Costs						
	Sponsor	150,000.00	150,000.00	150,000.00	150,000.00	150,000.00	750,000.00
	Institution	0.00	0.00	0.00	0.00	0.00	0.00
	Unallowable	0.00	0.00	0.00	0.00	0.00	0.00
Su	ubtotal Non-Personnel:	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 150,000.00	\$ 750,000.00

- 1. Cost sharing may be entered for each expense item during Budget data entry, or may be individually entered in Cost Sharing.
- 2. Click Detail to access the cost-sharing data entry screen for each expense item from this location.

COST SHARING BY BREAKDOWN			COST S	OST SHARING BY BUILD UP			D SOURCE			
	PERIOD 1		PERIOD 2		PERIOD 3		PERIOD 4		PERIOD 5	
SPONSOR [Hide]										
Percent	100.000	100	.000		100.000]	100.000]	100.000	
Cost	150,000.00	150	,000.00		150,000.00]	150,000.00)	150,000.00	
Туре			•	·		•		-		•
Category			•	·		•		•		•
INSTITU	TION [Hide]									
Percent	0.000	0.00	00		0.000]	0.000)	0.000	
Cost	0.00	0.00	כ		0.00]	0.00]	0.00	
Туре	•			·		•		•		•
Category	•		•	·		-		-		•

3. Enter a Percent value in either the Sponsor or Institution section, and PennERA will automatically recalculate the Percent for the future years and for the other funding source.

COST S	HARING BY BREAKDOW	N COST SHARING	BY BUILD UP + AD	DD SOURCE				
	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5			
SPONSO	SPONSOR [Hide]							
Percent	90.000	90	90.000	90.000	90.000			
Cost	135,000.00	135,000.00	135,000.00	135,000.00	135,000.00			
Туре	•	•	•	•				
Category								
INSTITU	TION [Hide]							
Percent	10.000	10.000	10.000	10.000	10.000			
Cost	15,000.00	15,000.00	15,000.00	15,000.00	15,000.00			
Туре	_	•	•	•	_			
Category		•		•				

Justifications Upload Screen

Upload a narrative justifications document if required by the sponsor, or if one is being sent with the application, even if not required.

Budget +	Justifications					
F&A	 Upload Form 					
Cost Sharing	Use Database					
	Original PDF Remove					
Justifications	🖻 🔿 🏂 💿 🗠					
Versions	UPLOAD "BUDGET JUSTIFICATION" DOCUMENTATION					
	Browse No file selected. Upload					
Setup						

Versions Screen Basic Data Entry

Budget +	Vers	ions								Edit Mode
SubAwards (1) +	Versio	on Name: [Add New Version					
F&A	ID	SHOW	NAME		VERSIONED BY	DATE	ACTIVE	DOWNLOAD	TOTAL	REMOVE
Cost Sharing	0	Show	Initial	K	HAHN, BEATRICE	4/8/2020 9:12:11 AM	0	Download	4, <mark>108,455.28</mark>	Remove
Justifications									J	
Versions					NAME					
Setup					Initial incl equ	ipment H				
						J				

- 1. Versions allows multiple budgets to be created and exported to Excel spreadsheets.
- 2. The initial version of the budget is noted as Active and is available for download to an Excel spreadsheet.
 - The name can be edited.
- 3. Create additional versions:

Vers	ions							
Versio	on Name:		Add New Version					
ID	SHOW	NAME	VERSIONED BY	DATE	ACTIVE	DOWNLOAD	τοται	REMOVE
0	Show	Initial incl equipment	HAHN, BEATRICE	4/8/2020 9:12:11 AM		Download	4,062,325.89	Remove
1	Show	2 add faculty	Ford, Evelyn J	4/8/2020 10:34:56 AM	0	Download	4,408,616.93	Remove
2	Show	3 less sequencing	Ford, Evelyn J	4/8/2020 10:39:18 AM	0	Download	4,297,320.70	Remove

- Enter a unique name for the new version in Version Name.
- Click "Add New Version".
- Make the new version "Active".
- Switch versions displayed in the Budget section by designating a particular version as "Active".
- Any version may be download to an Excel spreadsheet.

Setup Screen Basic Data Entry

Budget +	Setup Show							
SubAwards (1) +	GENERAL PERIOD/DATES CHANGE PI BUDGET SOURCES MECHANISM OPT IN/OUT							
F&A	Currently Active Program Validations							
Cost Sharing	OPT OUT MECHANISM VALIDATION							
Justifications	A non-zero value for calendar months, academic months, or summer months is required for each senior/key person. Introduction cannot be over 1 page for Resubmissions.							
Versions	Introduction cannot be over 1 page for Revisions.							
Setup	Introduction is mandatory for Resubmissions/Revisions. NIH Annual \$500,000 direct cost limit applies to this proposal.							
	Project period may not exceed 5 years.							
	Project period may not exceed five Budget Periods.							
	Research Strategy is required.							
	Research Strategy page limit:12 pages Specific Aims is required and limited to 1 page.							

- 1. Consult <u>PennERAhelp@lists.upenn.edu</u> for questions about the General screen.
- 2. Periods/Dates
 - Add or remove Budget Periods.
 - Change Project Period and/or Budget Period Dates.
- 3. Change PI
 - Change the PI here if the correct PI was not identified during proposal creation.
- 4. Consult <u>PennERAhelp@lists.upenn.edu</u> for questions about Budget Sources.
- 5. Mechanism Opt In/Out
 - This screen is shown in the screen shot above and was previously located on Setup Questions.
 - Opt out of any validations that may not be appropriate for this application.
 - These will only opt out of validations in the PennERA record. Electronic warning/error messages may still appear upon submission and *should not be ignored*.