



University of Denver

**Practical Guide:
Grants Personnel & Budgeting**

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Introduction

Background

This document addresses how University of Denver (DU) personnel could record personnel and assemble grants budgets within the InfoEd modules, as they have been implemented. This description relates to the configuration at DU as of May 2020.

The features set out in this document are specifically those used in Proposal Development (PD). However, PD's personnel and budget models and those used for both "requested" and "awarded" budgets in Proposal Tracking (PT) are essentially identical to one another, although some differences – some of them quite subtle – do exist. Note that the awarded budget in Award Tracking (AT) is quite different, but so is the purpose of the budget there: while in PD and PT the budget is being "built," the budget in AT is being "confirmed" before it is published to the financial side, Banner and InfoEd's Financial Tracking (FT) module.

Comments, Assumptions, and Caveats

- This document generally assumes that the reader ("you") is both the actual user and the PI of the proposal under consideration; exceptions to this rule will be noted as needed.
- The screenshots in this document may not exactly match what you see. This may be due to a variety of reasons: software updates subsequent to the shots being taken, your use of a different browser and/or window size, you having more or less security than assumed here, etc.
- Not all screenshots may have been taken of the same records and so may not be entirely consistent with one another.

Basic Budgeting

Budgeting for grants may involve interacting with multiple pages in the Navigation Panel at the left of the screen, especially Personnel. (Note that not all users may have access to all tabs on all proposals.) However, the large majority of budget work will take place on the “home” Budget page, shown below.

Note: Budgeting can also be entered on a period-by-period basis by opening each “period x.” The formats of the pages used for doing so are somewhat different than those described here but the overall concepts are the same. It is recommended that users first understand the approach described in The Basics before attempting period-level budgeting.

This section lays out the *basics* on how budgeted costs are entered. The instructions of this section will suffice for much – perhaps even all – of your routine budgeting, but further details for this page (as well as details on the secondary pages) can be found the *Details* section later in this document.

Budget Page Layout

- Budget
- Period 1
- F&A
- Cost Sharing
- Period 2
- Modular Budget
- F&A
- Cost Sharing
- Justifications
- Versions
- Setup

Edit Mode

Project Period: 01-Jun-2019 to 31-May-2021

Source View: Sponsor

Rollup subprojects: Not Rollup

Proposal Structure

Import/Export

Build PDF

Complete Budget

Budget Summary [Hide]

Periods [hide]				Sponsor [show]		Cost Sharing [show]		Project [hide]	
YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	TOTAL	TOTAL	DIRECTS	F&A
1	1	01-Jun-2019	31-May-2020	Funding*	Proposed	-	-	-	-
2	2	01-Jun-2020	31-May-2021	Funding*	Proposed	-	-	-	-
Total:						\$ 0	\$ 0	\$ 0	\$ 0

Subproject Summary [Show]

Personnel [Hide]

NAME	PERIOD 1	PERIOD 2	DIRECT COSTS
Admin, InfoEd PD/PI	-	-	\$ 0
Subtotal Personnel:			\$ 0

Non-Personnel [hide]

CATEGORY	PERIOD 1	PERIOD 2	DIRECT COSTS
No records to display.			
Subtotal Non-Personnel:			\$ 0

SubAwards [hide]

INST/CONTRACTOR NAME	PERIOD 1	PERIOD 2	DIRECT COSTS
No records to display.			
Subtotal SubAwards:			\$ 0

Subprojects [show] Import as Subproject

	PERIOD 1	PERIOD 2	TOTAL COSTS
Modular Budget Transaction:	\$ 0	\$ 0	\$ 0
Total Sponsor Direct Costs:	-	-	\$ 0
Sponsor F&A:	0	0	0
Total Sponsor Costs:	\$ 0	\$ 0	\$ 0

Across the top of the Budget page are a series of dropdown lists, buttons, and indicators which are described in the *Details* section. At the “big picture” level, the only two of those that may be important are Source View and Mode. The selection of Source View determines what shows up in areas ②, ③, and ④ (see *Details: Source View*); area ① is not affected by the Source View. The Mode indicator (green rectangle) shows whether or not you can make changes to the budget. Only when the Mode is “edit” will this be allowed.

Area ① is view only and shows the current total project budget. See *Details: Budget Summary*.

Areas ②, ③, and ④ are used to enter direct costs for personnel, everything **except** personnel and subawards, and subawards themselves, respectively.

Note the highlighted “show/hide” toggles. These allow you to adjust the amount of detail being shown at any one time. They may be reset upon leaving the page. See *Details: Show/Hide*.

Entering Personnel Budgets

(See also *Basic Personnel* and *Details: Personnel*)

To add or modify a person’s *budget* (as opposed to, for example, a *CV*, which is described in *Basic Personnel*), click the **DETAIL** button next to the person of interest. If an appointment (i.e., pre-defined salary information) exists, you will have to wait for the salary to be released for your use (see *Details: Salary Release*). Once released, select whether you want to budget for Person Months or Percent Effort (orange; the default will generally be the desired value) and then enter the number or months or effort (blue). Click **SAVE** (or **SAVE AND CLOSE**). The budgeted salary and fringe will be computed automatically. Note that most fields are “grayed out,” indicating that they are not available to change.

Personnel [Hide]

NAME	PERIOD 1	PERIOD 2	DIRECT COSTS
Admin, InfoEd PD/PI	-	-	\$ 0
Subtotal Personnel:			\$ 0 \$ 0 \$ 0

Buttons: New Profile, Begin typing to select Personnel Name..., -- Select Type --, -- Select Role --, Add Person

Budget Detail for: Admin, InfoEd

Tabs: Detail (selected), Appointments, Justifications, Cost Sharing, Effort Periods

Buttons: Committed Effort, Save and Close, Save, Close

Costs by Budget Period

Person Months (selected) Show Calculation Details

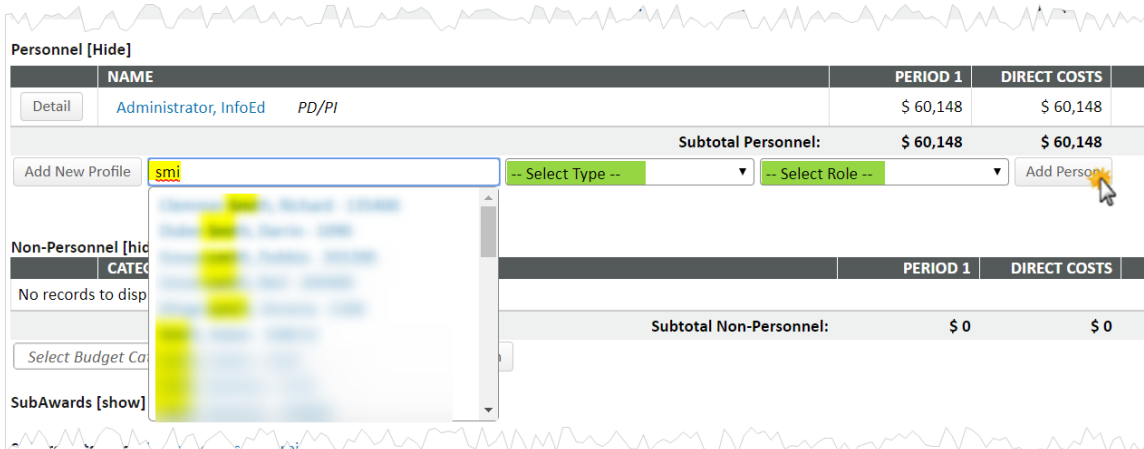
PERIOD	ROLE	BASE SALARY	CALENDAR	ACADEMIC	SUMMER	SALARY	FRINGE BENEFITS	TOTAL
1	PD/PI	120,000	0.00	0.00	0.00	0	Employee 0	\$ 0
2	PD/PI	120,000	0.00	0.00	0.00	0	Employee 0	0
Total						\$ 0	\$ 0	\$ 0

**Click Save to calculate salary and fringe benefits. This is required because appointment data is being used.

Modular Budget Transaction: PERIOD 1 \$ 0 PERIOD 2 \$ 0 TOTAL COSTS \$ 0

If there is no appointment, the same screen appears but no fields are “grayed out” and most fields can be updated as desired.

Initially, only the PI will appear. Additional personnel can be added directly here within the budget or on the full personnel tab (outside of the Budget area, see *Basic Personnel*). If you want to add them here, type in any part of the desired person’s name or employee number (yellow) and then – once found – click the name to select it. Choose a Type and Role (green). Click ADD PERSON. You can now continue as above.



If the person being sought does not exist (e.g., in the case of a “to be named” individual), click ADD NEW PROFILE, make sure that the Temporary Profile radio button is set, enter any desired information (a last name and department are required, as indicated by the red asterisks) and click SAVE. (Note: a last name of “TBD,” “TBN,” “grad student,” etc., are all fine. Any department – including the top node – is also fine.)

Budget Summary [Hide]

YEAR/PERIOD	INC
1	

Personnel [Hide]

	NAME
Detail	Administrator, InfoEd

Add New Profile

Non-Personnel [hide]

	CATEGORY
No records to display.	

Select Budget Category

SubAwards [show]

Subprojects [show]

New Profile

Genius Profile Temporary Profile

Salutation

First Name

Middle Initial

* Last Name

Suffix

Title

Phone

Fax

Email

Address

City

State

Zip

Country

* Department

Employee ID

The “person” will now be listed just if s/he had been selected from a list; you can continue as above. (To “resolve” these temporary profiles later, see *Details: Personnel.*)

Personnel [Hide]

	NAME	PERIOD 1	DIRECT COSTS
Detail	Administrator, InfoEd PD/PI	\$ 60,148	\$ 60,148
Subtotal Personnel:		\$ 60,148	\$ 60,148

Add New Profile -- Select Type -- -- Select Role --

Entering Non-personnel Budgets

(See also *Details: Non-personnel Budgets*) Non-personnel budgets are the easiest direct costs to enter. Click the budget category field. Scroll to locate and then click the desired category.

CATEGORY	PERIOD 1	DIRECT COSTS
No records to display.		
Subtotal Non-Personnel:	\$ 0	\$ 0

	PERIOD 1	TOTAL COSTS
Total Sponsor Direct Costs:	\$ 60,148	\$ 60,148
Total Direct Costs less Subaward F&A**:	\$ 60,148	\$ 60,148
Sponsor F&A:	30,495	30,495
Total Sponsor Costs:	\$ 90,643	\$ 90,643

If *Object Code Budgeting* is turned on (see *Details> Setups*), an object code (“account code”) box appears next to the category and will show the available codes for the selected category. Click the object code field. Click the desired code (there may be only be only a single value to select).

CATEGORY	PERIOD 1	DIRECT COSTS
No records to display.		
Subtotal Non-Personnel:	\$ 0	\$ 0

	PERIOD 1	TOTAL COSTS
Total Sponsor Direct Costs:	\$ 60,148	\$ 60,148
Total Direct Costs less Subaward F&A**:	\$ 60,148	\$ 60,148
Sponsor F&A:	30,495	30,495
Total Sponsor Costs:	\$ 90,643	\$ 90,643

In either case, click ADD ITEM.

On the popup window, the Description (yellow) will default to the budget category name selected but can (and probably should) be changed to reflect the purpose of the budget line. This is especially useful if you will be entering multiple lines for a single budget category.

Non-Personnel Costs

Detail Justifications Cost Sharing Show Calculations Save and Close Save Close

Costs by "Budget Period" Annual Inflation *Manual Entry* Description Consultant Services

Budget Category Consultant Services Object Code 723500 - Other Outside Services

PERIOD	START DATE	END DATE	TOTAL
1	01-Sep-2020	31-Aug-2021	0
2	01-Sep-2021	31-Aug-2022	0
3	01-Sep-2022	31-Aug-2023	0

Total \$ 0

Enter the budget amount for the first period in which you want one (above, green; it does not need to be period 1). Subsequent years will automatically populate with the same value, but these values can be overwritten or inflated. (This automatic population of outyears continues until you click SAVE. That operation halts the feature, allowing you to enter different values for each year.) You can inflate outyears by either choosing a pre-defined value from the Annual Inflation dropdown or manually entering a value in the period's inflation field (above, red). Click SAVE or SAVE AND CLOSE.

To change a previously entered value, click its DETAIL button (yellow). To add multiple lines at a time, click ADD BULK ENTRY (green; the same data entry fields are available).

Non-Personnel [hide] Add Bulk Entry

	CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS	
Detail	Consultant Services 723500 - Other Outside Services	\$ 14,000	\$ 14,420	\$ 14,853	\$ 43,273	Delete
Subtotal Non-Personnel:		\$ 14,000	\$ 14,420	\$ 14,853	\$ 43,273	

Select Budget Category Select Object Code Add Item

Entering Subaward Budgets

Note: if your subawardee sent you an Adobe package, you do not need to rekey that information. See *Details: Import/Export*.

(See also *Details: Non-personnel Budgets*) To add a new subaward, click the institution name box (yellow) and type in any part of the desired institution's name and then – once found – click the name to select it. **Note:** if the *institution* that you need is not listed, contact your administrator.

Click the subaward PI box (blue) and type in any part of the PI's name and – if found – click the name to select it.

* Un-mapped object codes will not reconcile into budget categories *

SubAwards [hide]

	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
No records to display.						
Subtotal SubAwards:			\$ 0	\$ 0	\$ 0	\$ 0

univ

- American University
- Arizona State University
- Auburn University
- Boise State University
- Boston University
- Brigham Young University
- California State University, Fresno
- Colorado State University
- Georgia State University

	PERIOD 1	PERIOD 2	PERIOD 3	TOTAL COSTS
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000
	\$ 76,200	\$ 24,400	\$ 24,400	\$ 125,000

If the *person* is not found, click the ADD NEW PROFILE button. (This button only appears after choosing the institution.) Record as much information as you have available (much of this is required if you are submitting to Grants.Gov but it can be added/updated later, if necessary; a last name – at the very least – is all the personal information that is required at this time), including either choosing an existing department (the entity name) or keying in a new one (this is an InfoEd data requirement more than a sponsor requirement, so perfect accuracy is not needed). Click SAVE.

1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	\$ 111,741
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	21,731
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	22,383
Total:						\$ 155,855

Personnel [Hide]

	NAME	PERIOD 1	PERIOD 2
Detail	Administrator, InfoEd PD/PI	\$ 60,148	-
Subtotal Personnel:		\$ 60,148	\$ 0

Add New Profile -- Select Type --

Non-Personnel [hide]

	CATEGORY	PERIOD 1	PERIOD 2
Detail	Consultant Services 723500 - Other Outside Services	\$ 14,000	\$ 4,420
Subtotal Non-Personnel:		\$ 14,000	\$ 14,420

Select Budget Category Select Object Code

* Un-mapped object codes will not reconcile into budget categories *

SubAwards [hide]

	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2
No records to display.				
Subtotal SubAwards:			\$ 0	\$ 0

Boise State Univer

Subprojects [show]

New Profile

Salutation First Middle Last

Suffix Title

Address

City State Zip

Country

Phone Fax Email

Department - Or Add New -

Both the institution and PI name should now be listed. Click ADD SUBAWARD. (See *Details: Import/Export* for use of the IMPORT button.)

The subaward will now appear as a budget line, with a pre-determined pool budget (green, if object code budgeting is enabled), which can be changed at need. To add or change its budget, click **DETAIL**. The vertical dots on the far left can be used as a drag-and-drop handle to resequence subawards when multiples exist. The subaward can be removed by clicking **DELETE** at the far right. For information about the Short Form, see *Details: Short Form*.

SubAwards [Hide]						
	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
:	Boise State University	724200 - Subcontracts <25000 OSP only				\$ 0
Subtotal SubAwards:			\$ 0	\$ 0	\$ 0	\$ 0

The subaward budgeting page is very similar to the main proposal budget that you have been working on, with the subaward PI as the sole person (to start). Budgets can be entered in the same fashion as on the main page, including the identification of “sub-subawards.” Note the “subaward” watermark in the background.

YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	Sponsor TOTAL	Cost Sharing TOTAL	Project DIRECTS	F&A	Project TOTAL
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	-	-	-	-	-
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	-	-	-	-	-
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	-	-	-	-	-
Total:						\$ 0	\$ 0	\$ 0	\$ 0	\$ 0

NAME	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Smith, Stephanie	-	-	-	\$ 0

The biggest difference between the main budget page and the subaward budget page is the necessity to explicitly record F&A/indirect costs on the subaward (green), on the bottom of the page. Indirects on the **main** budget are entered on a separate F&A page.

F&A Breakdown							
PERIOD	START DATE	END DATE	INDIRECT COST TYPE	RATE	BASE	AMOUNT	
<input checked="" type="checkbox"/> 1	01-Sep-2020	31-Aug-2021	<input type="text"/>	0.000	0	0	<input type="button" value="Clear"/>
<input checked="" type="checkbox"/> 2	01-Sep-2021	31-Aug-2022	<input type="text"/>	0.000	0	0	<input type="button" value="Clear"/>
<input checked="" type="checkbox"/> 3	01-Sep-2022	31-Aug-2023	<input type="text"/>	0.000	0	0	<input type="button" value="Clear"/>
Total					\$ 0	\$ 0	

Entering Justifications

When justifications are required by the sponsor, they can be entered in a couple ways. By far, the more common approach is to use the Justifications page to select a file from your computer (yellow) and **UPLOAD** it (blue). Uploads can be in any file format, .pdf and .doc files being the most common. (If the file is not in .pdf format, a PDF copy will automatically be created, leaving both it and the original. The original – while in view-only mode – remains in its original format and so can be downloaded, flagged as editable, updated, and re-uploaded.) For another approach, see *Details > Justifications*.

Budget +

Modular Budget

F&A

Cost Sharing

Justifications

Versions

Setup

Justifications

UPLOAD "PERSONNEL JUSTIFICATION" DOCUMENTATION

Choose File No file chosen

UPLOAD "CONSORTIUM JUSTIFICATION" DOCUMENTATION

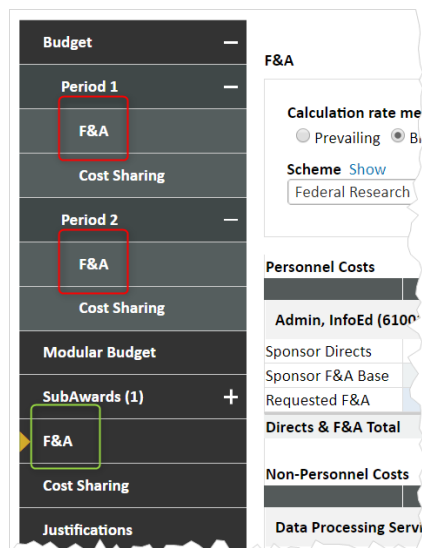
Choose File No file chosen

UPLOAD "ADDITIONAL NARRATIVE JUSTIFICATION" DOCUMENTATION

Choose File No file chosen

Entering Indirect Costs

(See also *Details: F&A*.) Indirect costs (F&A) can be addressed at the period level (red) but is much more commonly addressed at the proposal level (green).



The full F&A page is quite long and some fields shown here may not be visible to you. Most users only need to be concerned with the part within the green box below. An F&A *scheme* is simply a pre-defined base (TDC, MTDC) and [named] rate combination. The default scheme you see in PD (PT does not default a scheme) comes from the “target” (yellow, if visible to you) and populates the base and rate within the green box. Any of the three – scheme, base, rate – can be changed, as needed. The target scheme – if visible to you – should **not** be changed.

Edit Mode

F&A Source View: Sponsor ▾

Calculation rate method **Institution Base/Target Scheme** ARC Research (Govt/NonProfit) ▾ Show \$52,434 Drift ▾
 Prevailing Blended \$52,434 \$0

Scheme Show → Base Show → Rate Effective

ARC Research (Govt/NonProfit) ▾ MTDC ▾ Research - ARC (US Govt/NonProfit) ▾ 50.700 Apply Manual F&A

Personnel Costs

	PERIOD 1	PERIOD 2	PERIOD 3	TOTAL
Administrator, InfoEd (601015 - Appointed Research Faculty)				
Sponsor Directs	60,148	0	0	60,148
Sponsor F&A Base	60,148	0	0	60,148
Requested F&A	30,495	0	0	30,495
Directs & F&A Total	\$ 90,643	\$ 0	\$ 0	\$ 90,643

Non-Personnel Costs

	PERIOD 1	PERIOD 2	PERIOD 3	TOTAL

If the desired rate is not among the pre-defined ones in the rate dropdown, the first value in the Rate dropdown, *Manual Entry*, displays a new box (yellow) for entry of a numeric rate. After any change, click APPLY to force the re-computation. You can also click MANUAL F&A to apply costs at a line-by-line basis. **Note:** The Effective rate value is not necessarily the rate being applied; rather it results in the calculation of indirect costs divided by base.

F&A

Calculation rate method: Prevailing Blended

Institution Base/Target Scheme: ARC Research (Govt/NonProfit) Show \$52,434 Drift \$0

Scheme: Base: MTDC Show Rate Rate: Manual Entry 0.000 Effective: 50.700 Apply Manual F&A

Finishing Up

As mentioned, this section only addresses entering the most common aspects of budgets. These will generally constitute the large majority of your budget work. However, it may also be necessary to handle cost sharing, modular budgets, etc. These are all described in the *Details* section below.

When your budget has been fully recorded, return to the main Budget page and click COMPLETE BUDGET (yellow). See also *Details: Complete Budget*.

Budget Edit Mode Complete Budget

Project Period: 01-Sep-2020 to 31-Aug-2023 Source View: Sponsor Rollup subprojects: Not Rollup Proposal Structure Import/Export Build PDF

Budget Summary [Hide]

Periods [hide]							Sponsor [show]	Cost Sharing [show]	Project [hide]		
YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	TOTAL	TOTAL	DIRECTS	F&A	TOTAL	
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	\$ 111,741	-	\$ 74,148	\$ 37,593	\$ 111,741	
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	21,731	-	14,420	7,311	21,731	
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	22,383	-	14,853	7,530	22,383	
Total:						\$ 155,855	\$ 0	\$ 103,421	\$ 52,434	\$ 155,855	

Personnel [Hide]

NAME	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail: Administrator, InfoEd PD/PI	\$ 60,148	-	-	\$ 60,148
				\$ 60,148

Basic Personnel

This section lays out the **basics** on how the Personnel tab is used. The instructions of this section will suffice for much – perhaps even all – of your routine personnel recording, but further details for this can be found the *Details* section later in this document.

It should be noted that personnel can – for the most part – be entered either within the budget (see *Entering Personnel Budgets*, above) or on the separate Personnel tab described in this section. If you have developed your budget first, then all personnel **that have a budget** will already have been entered into the proposal and will automatically appear on the Personnel tab. It only remains to finish those up and to record any personnel who do **not** have a budget, such as “other significant contributors” and “consultants.” (Consultants’ budgets are entered as “non-personnel” (q.v.) line items.) You can also add budgeted personnel first in Personnel, before starting the budget.

Personnel Page Layout

The screenshot shows the Personnel page layout with several callouts:

- 1:** Add Personnel (hide) button
- 2:** Name (Last, First) input field
- 3:** Senior/Key dropdown
- 4:** Role dropdown (Co-PD/PI)
- 5:** Organization / Department dropdown
- 6:** PERSON MONTHS dropdown (CALENDAR, ACADEMIC, SUMMER)
- 7:** CV/BIOSKETCH dropdown
- 8:** REMOVE button

The main table displays personnel records with columns: PI, INC, NAME/ROLE, MAIL, ALERT, ORGANIZATION / DEPARTMENT, PERSON MONTHS (CALENDAR, ACADEMIC, SUMMER), CV/BIOSKETCH, CURRENT/PENDING SUPPORT, and REMOVE.

Senior/Key											
PI	INC	NAME/ROLE	MAIL	ALERT	ORGANIZATION / DEPARTMENT	PERSON MONTHS			CV/BIOSKETCH	CURRENT/PENDING SUPPORT	REMOVE
						CALENDAR	ACADEMIC	SUMMER			
		InfoEd Administrator PD/PI * Certifications and Training			University of Denver University of Denver	0	0	0	🔒	🏠	📄
		Faculty Certifications and Training			University of Denver Knoebel Sch Hospitality Management	0	0	0	🔒	🏠	📄
		SubAward PI Certifications and Training			University of Delaware University of Delaware	0	0	0	🔒	🏠	📄
		SubAward PI Certifications and Training			Boise State University Boise State University	0	0	0	🔒	🏠	📄
Non-Key											
PI	INC	NAME/ROLE	MAIL	ALERT	ORGANIZATION / DEPARTMENT	CALENDAR	ACADEMIC	SUMMER	CV/BIOSKETCH	CURRENT/PENDING SUPPORT	REMOVE
		Faculty Certifications and Training			University of Denver University of Denver	0	0	0	🔒	🏠	📄

The Mode indicator (green rectangle) shows whether or not you can make changes to personnel. Only when the Mode is “edit” will this be allowed.

Area **1** is used to add personnel. Note the yellow highlighted “show/hide” toggle. This allows you to hide this section to limit the amount of detail being shown at any one time. See *Details: Show/Hide*.

See *Entering Personnel* below.

Area ② lists existing personnel and their proposal roles and provides a link to see their current certifications, if any. See *Verifying Personnel* below.

Area ③ is used to manipulate the list in a variety of ways. See *Manipulating Personnel* below.

Area ④ provides a means to send emails to the personnel and to see if any mandatory information is missing. See *Verifying Personnel* below and *Details: Personnel*.

Area ⑤ shows the person’s home **entity** and their home **department** within that entity. For external personnel such as those on a subaward, the two will often be the same. Internal personal will generally have different values in the two.

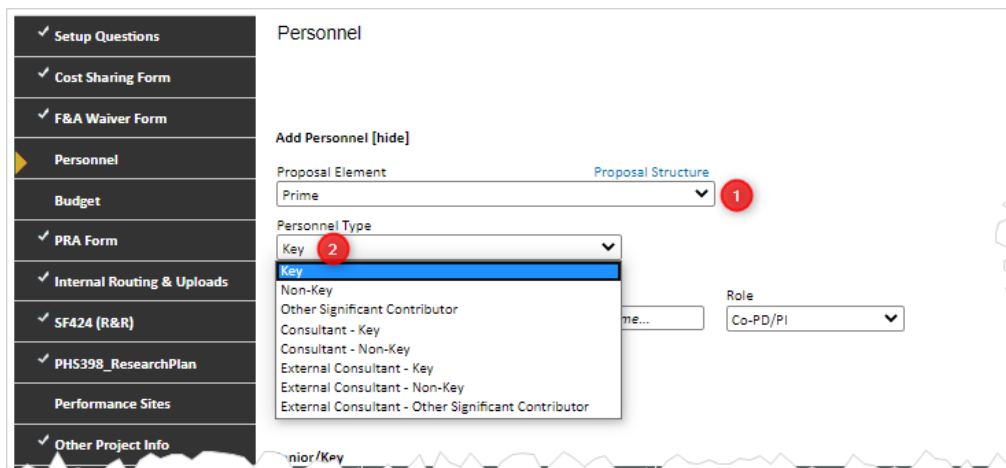
Area ⑥ is normally view only and shows the person-months or effort (based on the value in the dropdown list) computed from the budget **across all periods of the project**. It is recommended that the computation be left as is. However, you can “unlock” each line (click the lock toggle in blue) in order to update it manually.

Area ⑦ is used to upload and view bio-sketches or current/pending support documents. Such documents can be of any format (Word and PDF being the most common) but are automatically converted to PDF files upon upload. Not all proposals require these.

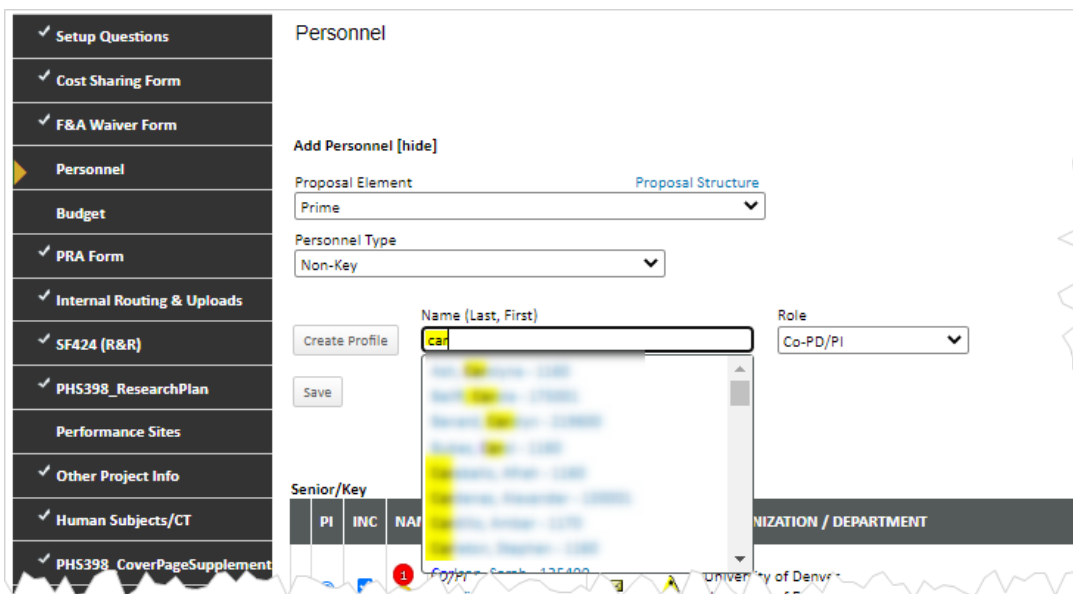
The icons in area ⑧ can be used to remove personnel entered in error. If you click the Remove icon, you have the ability to remove the person selectively from all or some budget periods.

Entering Personnel

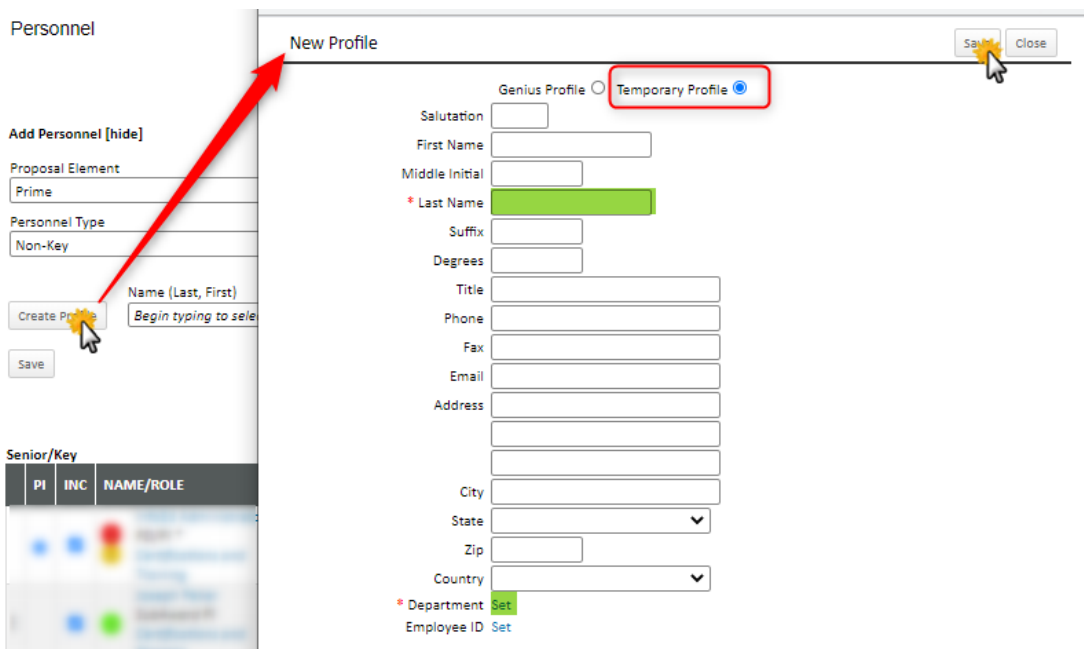
If you want to add personnel on the Personnel tab, choose the structure ① (this will usually be the default of “Prime” but see *Details: Structure*) and Personnel Type ② (this is not a configurable list; choosing a type of Key or Non-Key – only – will insert the person into the budget pages as well)...



...and then type in any part of the desired person's name or employee number (yellow) until the desired name is seen. Once found, click the name to select it.

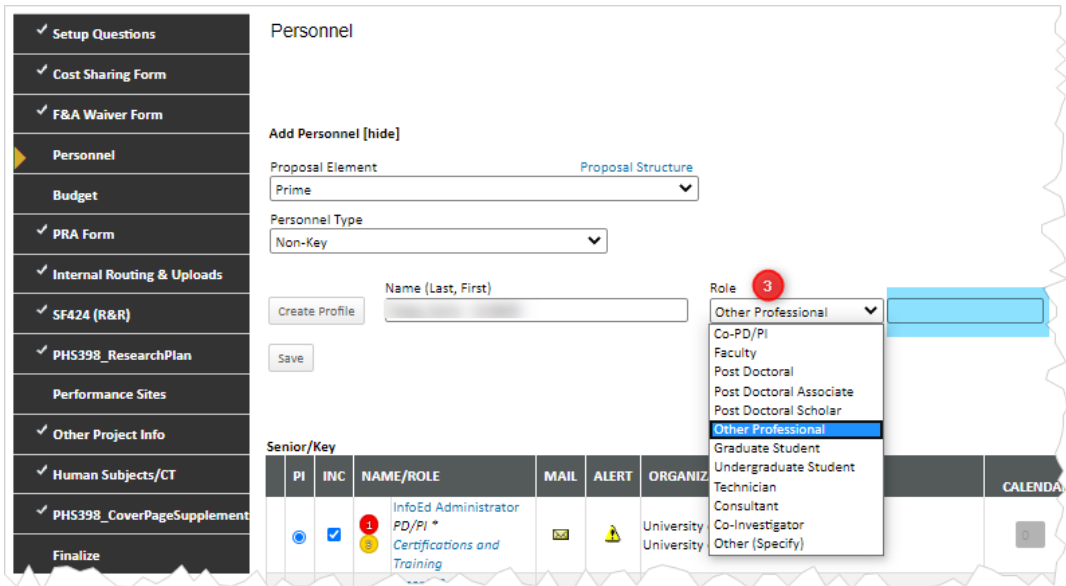


If the person being sought does not exist (e.g., in the case of a “to be named” individual), click CREATE PROFILE, make sure that the Temporary Profile radio button is set, enter any desired information (at least a last name and department are required, as indicated by the red asterisks) and click SAVE. (Note: a last name of “TBD,” “TBN,” “grad student,” etc., are all fine. Any department – including the top node – is also fine.)



The “person” will now be listed just if s/he had been selected from a list. (To “resolve” these temporary profiles later, see *Details: Personnel.*)

Choose a proposal Role ③ (this is not a configurable list but choosing *Other Professional* or *Other (Specify)* will present a text box (blue) where a role which does not appear in the list can be entered). Click **SAVE**.



Manipulating Personnel

A variety of information about a proposal’s personnel can be found or manipulated in the list. The three vertical dots (red box) can be used as handles to “drag and drop” people into a new order (although the PI is always first). The PI can be easily changed by clicking the appropriate radio button (green boxes). Only *key internal personnel* will display that button. (See *Details: Setup* for other options.) The “INC[lude]” white-on-blue check boxes let you choose the personnel who will appear on the sponsor personnel form. The colored circles refer to the proposal component to which the person is assigned. (See *Details: Structure.*)

Senior/Key			PI	INC	NAME/ROLE	SEARCH	EDIT	DELETE	ADD	EXPORT	IMPORT	REFRESH	HELP
	<input checked="" type="checkbox"/>	InfoEd Administrator PD/PI * Certifications and Training											
	<input checked="" type="checkbox"/>	Carole Bellif Faculty Certifications and Training											
	<input checked="" type="checkbox"/>	Joseph Pelier SubAward PI Certifications and Training											
	<input checked="" type="checkbox"/>	Stephanie Smith SubAward PI Certifications and Training											
Non-Key			PI	INC	NAME/ROLE	SEARCH	EDIT	DELETE	ADD	EXPORT	IMPORT	REFRESH	HELP
		Jesse Smith Faculty Certifications and Training											

Verifying Personnel

“Mousing over” the PI’s name or other PI text provides a popup window (red arrow) showing effort. (This is probably not of much practical use at this time.) Clicking **any** name provides a popup window (blue arrow) that shows a quite complete list of the person’s contact information and sponsor credentials (such as a Commons Id). You may – but probably will not – be able to update this information from here.

iev.du.ed

Contact Information for - InfoEd Administrator Save Close

Salutation: Ms First: InfoEd Middle: Last: Administrator Suffix:

Title: Assoc Professor

Address: 1873 Western Ave Degree: Degree Year:

City: Albany State: New York Zip: 12203-1234

Country: U.S.A. Phone: 518-518-5188 Fax: Email:

Sponsor Credential: Other (Specify) Test

Proposal Element	Department	Personnel Type	Role	Specified Role
Prime: T00000235	University of Denver	Key	PD/PI	
SubProject: 000 0000045	University of Denver	Key	Other (Specify)	SubProject PI

Senior/Key

PI	INC	NAME/ROLE	MAIL	ALERT	ORGANIZATION / DEPARTMENT	CALENDAR	ACADEMIC	SUMMER	CV/BIOSKETCH	CURRENT/PENDING SUPPORT	REMOVE
		InfoEd Administrator PD/PI *			University of Denver						
		Certifications and Training Carole Belth Faculty			University of Denver						
		Certifications and Training Joseph Peller SubAward PI			University of Denver						
		Certifications and Training Stephanie Smith SubAward PI			University of Denver						
		Certifications and Training Jesse Smith Faculty			University of Denver						

Clicking Certifications and Training displays a popup window showing any such information stored for the individual. You may see references to such things as FCOI, RCR, HIPAA, or other training. A “certification” of *Comments Exist* indicates that the person has additional information stored in GENIUS (you may or may not have access to that).

Senior/Key

PI	INC	NAME/ROLE	MAIL	ALERT	ORGANIZATION / DEPARTMENT	PERSON MONTHS	CV/BIOSKETCH	CURRENT/PENDING SUPPORT	REMOVE	
						CALENDAR	ACADEMIC	SUMMER		
		InfoEd Administrator PD/PI *			University of Denver					
		Certifications and Training Carole Belth Faculty			University of Denver					
		Certifications and Training Joseph Peller SubAward PI			University of Denver					
		Certifications and Training Stephanie Smith SubAward PI			University of Denver					
		Certifications and Training Jesse Smith Faculty			University of Denver					

Certifications

CERTIFICATION	BEGIN	END
Responsible Conduct of Research	12/1/2017	11/30/2020
Comments exist		

Clicking the envelope icon in the Mail column opens up a window where you can send an email to the person. This email will be stored as an attachment in the PT side. (Note that the email response may or

may not be included there; contact your administrator regarding “email fetching.”) The existence of an icon in the Alert column indicates that mandatory personal information is missing. Mousing over the icon causes a popup window to appear, listing the specific missing items. If you have the necessary security, you can click the person’s name (see above) and update the missing fields.

Senior/Key						
PI	INC	NAME/ROLE	MAIL	ALERT	ORGANIZATION / DEPARTMENT	
		InfoEd Administrator PD/PI * Certifications and Training			University of Denver University of Denver	
		Joseph Pelier SubAward PI Certifications and Training			University of Delaware University of Delaware	Missing: Email
		Jesse Smith			Univ	

For the remainder of the personnel list, see Personnel Tab Layout above.

Details

This section presents an alphabetical list of the pages, principal sections, and important concepts that are included in the overall category of “grants budgeting.” Generally, this section contains features that may not be in common usage by the typical InfoEd user, i.e., those beyond the scope of the *Basics* section of this document.

Appointments (see Personnel)

Budget Summary

In the Budget Summary section of the main budget page, the show/hide toggles for Sponsor, Cost Sharing, and Project determine whether a single summary value or a split of direct and indirect costs is displayed. The toggle for Periods is a bit different. When hidden, only the period (which is typically a year) number is shown. When expanded, the period is still shown but now with other columns.

Budget Summary [Hide]

Periods [hide]						Sponsor [show]	Cost Sharing [show]	Project [show]
YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	TOTAL	TOTAL	TOTAL
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	\$ 111,741	-	\$ 111,741
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	21,731	-	21,731
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	22,383	-	22,383
Total:						\$ 155,855	\$ 0	\$ 155,855

Initially, the numbers in the Increment column will match those in Year/Period. However, if a supplement (for example) were to be added (in PT), this would represent a new “increment” and would therefore be assigned an increment number of “4.” A supplement, however, would be a modification to an *existing* period (and not a new one) and so it would have a Year/Period of, here, 1, 2, or 3. In any case, the increment number can be clicked to open the budget page for that particular increment.

As might be expected, the Start and End columns show the increment’s dates of performance. These can be changed via the Setup tab at the bottom of the budget navigation panel. Some users will not have access to that tab.

The Type column indicates whether the increment is “new” (i.e., an initial request to the sponsor) or some kind of modification. While in PT this can be useful, it is rare to see anything but “new” within PD. The asterisk is not significant.

The Status column indicates whether that particular increment is only proposed or has been awarded, unfunded, withdrawn, etc. Again, while in PT this can be useful, it is rare to see anything but “proposed” within PD.

Budget Validation

The budget tool will do the basic (and sometimes complex) math for you, while also allowing for manual adjustments when necessary. Various types of validations may exist depending on factors such as the nature of the application (S2S and specific forms) or sponsor (e.g., NIH, NSF). For example, applications using the SF424RR budget forms for electronic submission are required to have a budget justification.

NIH has various budget-related rules, many of which vary by activity type or *mechanism*. For example, most NIH applications require prior approval if any budget period will be equal to or exceed \$500,000. A validation rule exists for this purpose, listed on the Setup Questions screen as well as on a tab in the Budget > Setups screen, documenting this requirement; if prior approval has been received the user can *opt out* of that validation rule and the user will be able to proceed with finalizing the budget when one or more periods is greater than or equal to \$500,000. NIH R21 applications are limited to a project period of two years with a total direct cost limit of \$275,000 and do not allow more than \$200,000 in any single year. These rules are enforced when an R21 application is being developed. The extent of budget-related rules and associated validations varies across NIH activity codes/mechanisms.

The screenshot shows a web interface for budget setup. On the left is a sidebar menu with items: Budget (+), Modular Budget, SubAwards (1) (+), F&A, Cost Sharing, Justifications, Versions, and Setup (highlighted with a yellow arrow). The main content area is titled 'Setup' and has a 'Show' button. Below the title are tabs: GENERAL, PERIOD/DATES, CHANGE PI, BUDGET SOURCES, and MECHANISM OPT IN/OUT. The 'MECHANISM OPT IN/OUT' tab is active, displaying a table of 'Currently Active Program Validations'. The table has two columns: 'OPT OUT' and 'MECHANISM VALIDATION'. There are eight rows of validation rules, each with an unchecked checkbox in the 'OPT OUT' column. The rules are: 1. A non-zero value for calendar months, academic months, or summer months is required for each senior/key person. 2. Introduction cannot be over 1 page for Resubmissions. 3. Introduction cannot be over 1 page for Revisions. 4. Introduction is mandatory for Resubmissions/Revisions. 5. NIH Annual \$500,000 direct cost limit applies to this proposal. 6. Project period may not exceed 5 years. 7. Project period may not exceed five Budget Periods. 8. Research Strategy is required. 9. Research Strategy page limit: 12 pages. 10. Specific Aims is required and limited to 1 page. In the top right corner of the main area, there is a 'View' button and two buttons labeled 'Opt Out' and 'Refresh Values'.

OPT OUT	MECHANISM VALIDATION
<input type="checkbox"/>	A non-zero value for calendar months, academic months, or summer months is required for each senior/key person.
<input type="checkbox"/>	Introduction cannot be over 1 page for Resubmissions.
<input type="checkbox"/>	Introduction cannot be over 1 page for Revisions.
<input type="checkbox"/>	Introduction is mandatory for Resubmissions/Revisions.
<input type="checkbox"/>	NIH Annual \$500,000 direct cost limit applies to this proposal.
<input type="checkbox"/>	Project period may not exceed 5 years.
<input type="checkbox"/>	Project period may not exceed five Budget Periods.
<input type="checkbox"/>	Research Strategy is required.
<input type="checkbox"/>	Research Strategy page limit: 12 pages
<input type="checkbox"/>	Specific Aims is required and limited to 1 page.

Similarly, albeit with much less detail, NSF has begun implementing automated compliance checks for applications received via Grants.gov. The determination as to which rules are in effect for an NSF proposal is based on the user selection of the *Funding Mechanism* on the NSF Cover Page. Once a value is selected and saved on that form, then relevant validation rules for the application will be displayed on the Setup Questions screen as well as on the Budget > Setup > Mechanism Opt In/Out tab.

The screenshot shows a web interface for 'Setup' in 'Edit Mode'. On the left is a navigation menu with items: Budget (+), F&A, Cost Sharing, Justifications, Versions, and Setup (selected). The main content area has tabs: GENERAL, PERIOD/DATES, CHANGE PI, BUDGET SOURCES, and MECHANISM OPT IN/OUT. Below the tabs is a section titled 'Currently Active Program Validations' with 'Opt Out' and 'Refresh Values' buttons. A table follows with the following data:

OPT OUT	MECHANISM VALIDATION
<input type="checkbox"/>	Budget Justification for each subrecipient organization may not exceed 5 pages.
<input type="checkbox"/>	Current and Pending Support is required for each Senior Personnel/PI/Co-PI
<input type="checkbox"/>	Data Management Plan is required.
<input type="checkbox"/>	International Activities Country Name should be checked (Other Project Information) when Foreign Travel funds are requested.
<input type="checkbox"/>	International Activities Country Name should be checked (Other Project Information) when primary performance site is outside the US.
<input type="checkbox"/>	NSF Budget Justification may not exceed 5 pages.
<input type="checkbox"/>	NSF Project Narrative may not exceed 15 pages.
<input type="checkbox"/>	The Data Management Plan cannot exceed 2 pages.
<input type="checkbox"/>	The Mentoring Plan cannot exceed 1 page.

To opt out of a specific validation rule, check the associated *Opt Out* box and **SAVE** the screen. That validation rule then will not be enforced.

For other agencies, budget-related validation rules will reflect the rules coded into the Grants.gov forms used in the application (e.g., the SF-424A or SF-424C among others).

Build PDF

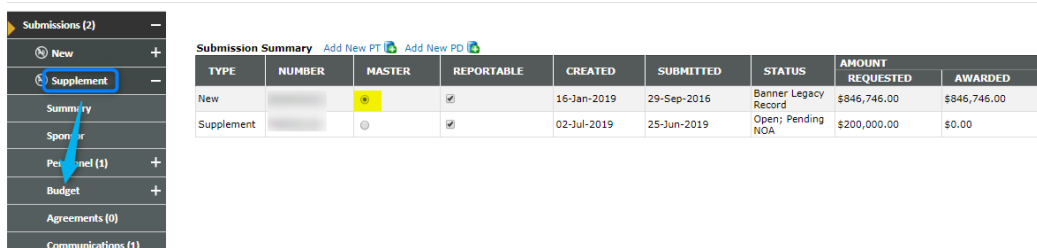
For Grants.Gov submissions (which have an associated budget form), you can click the Build PDF button on the top of the budget summary tab – at any time – to generate the appropriate budget form. This form can then be used to review what the budget “will look like” or to share with collaborators. Note that this is **completely optional**: the form being generated is the same one that will need to be built on the proposal’s Finalize tab prior to submission.

Changing Attributes (see Setup)

Child Records

The concept of child records is not directly related to budgeting but is included here to distinguish it from other seemingly similar ones, such as subprojects (q.v.). Child records (which are “children” of a “master” proposal, yellow) are “submissions” to a sponsor which are separate from one another and from their masters. These “submissions” do not necessarily have to be explicitly sent to a sponsor. For example, many institutions consider non-competitive continuations to be “submission” child proposals for reporting and control purposes, even though that actual record is not submitted, *per se*, to the sponsor. Other common types of child records include supplements and revisions.

Each child record has a budget section (blue), which can be fully utilized as this document describes.



TYPE	NUMBER	MASTER	REPORTABLE	CREATED	SUBMITTED	STATUS	AMOUNT REQUESTED	AWARDED
New		+	<input checked="" type="checkbox"/>	16-Jan-2019	29-Sep-2016	Banner Legacy Record	\$846,746.00	\$846,746.00
Supplement		⊙	<input checked="" type="checkbox"/>	02-Jul-2019	25-Jun-2019	Open: Pending NOA	\$200,000.00	\$0.00

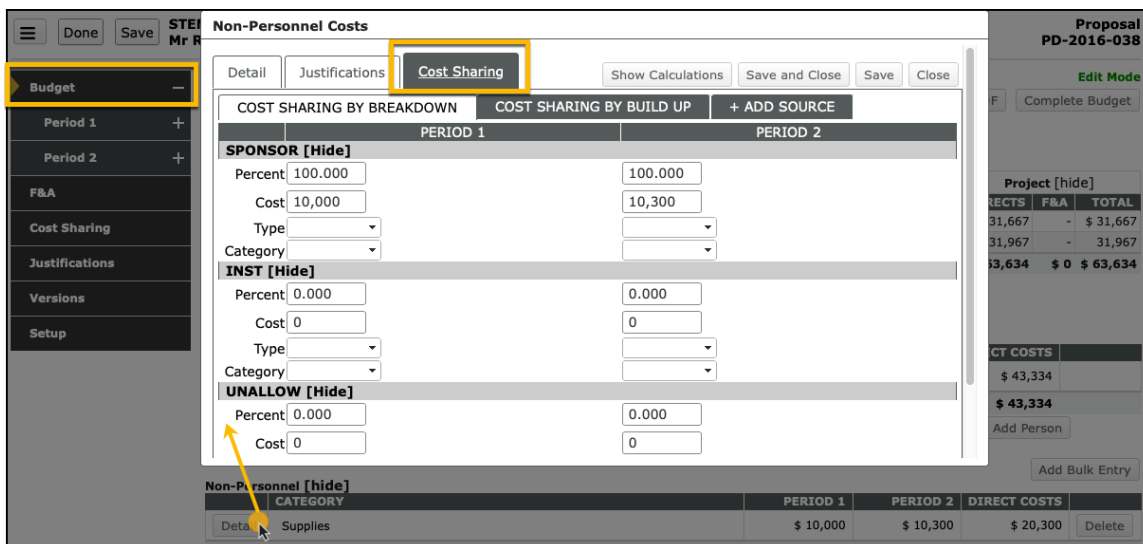
Complete Budget

This button only exists in Proposal Development. Clicking this button has two main purposes: (1) like other PD “complete” buttons/boxes, it flags completion by changing the page (and all other budget pages) from Edit to View Mode and displaying a checkmark in the navigation panel and (2) “publishes” (pushes) the budget and personnel pages, in their entirety, to the corresponding “requested” section of Proposal Tracking. Until the proposal is submitted for approval, you can toggle the completion off, thus reopening the budget for further change.

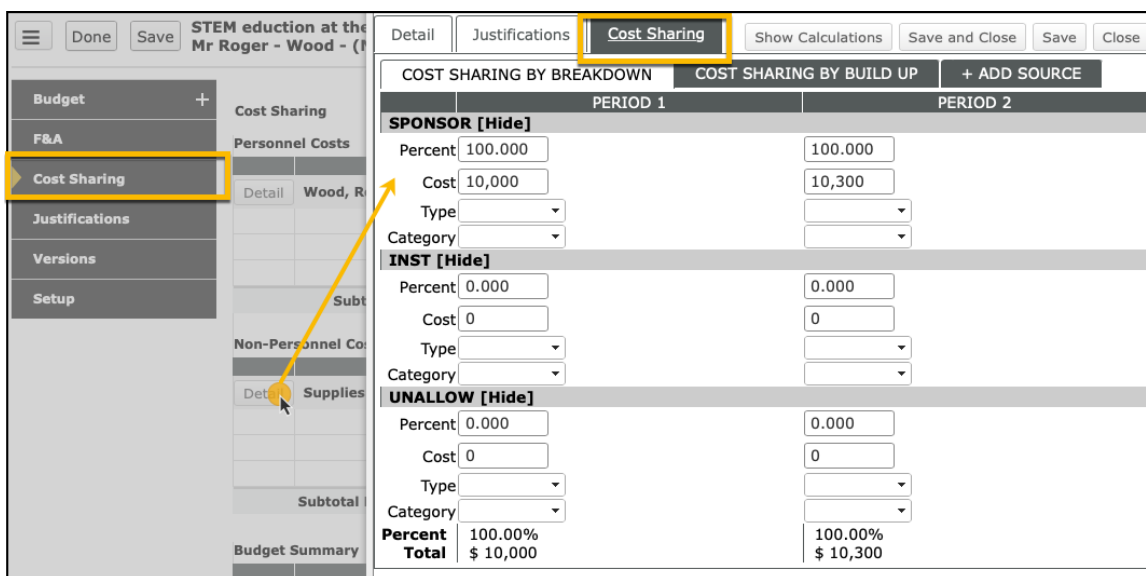
Cost Sharing

Cost sharing, including tracking sources and documenting the nature and type of support, is supported. Users can begin with a project budget amount (e.g., centrifuge costing \$50,000) and break the cost down to request \$30,000 from the sponsor and document \$20,000 support from an institutional account (*breakdown method*). Alternatively, a user might initially build their budget based on sponsor costs, recording a sponsor request for the centrifuge of \$30,000 and then, in documenting cost sharing, s/he could add the \$20,000 institutional support amount (*build up method*). Proposals will start with (usually) three funding sources: Sponsor, Inst[itution] or cost share, and Unallowable (dollars included in the budget but which the sponsor will not permit, either as requested dollars or to be claimed as cost sharing; the most familiar instance of this is federal “labor over the cap” salaries). If additional funding sources (other DU departments or outside entities) are needed, click +ADD SOURCE.

Cost sharing is recorded item-by-item in the detail popup screens for each item, which can be accessed from the budget summary screen:



Alternatively, the person- or item-detail popup can be accessed from the main Cost Sharing screen:



The two locations referenced above both allow users to manage cost sharing for personnel or items across multiple periods in the same window. Cost sharing can also be documented on a period-by-period basis, if desired, by visiting the cost sharing screen associated with an individual period (if visible):

The screenshot shows a budget management interface with a sidebar on the left containing menu items: Budget, Period 1, F&A, Cost Sharing (highlighted with a yellow box), Period 2, F&A, Cost Sharing, Justifications, Versions, and Setup. The main area displays a budget table for 'Period 1' with columns: PERSONNEL, SPONSOR, INST, UNALLOW, and TOTAL. A 'Cost Sharing' dialog box is open over the 'Supplies' row, showing a table with columns: SPONSOR, INSTITUTION, UNALLOWABLE, and TOTAL. The dialog also includes input fields for 'Percent' (100.000), 'Cost' (10,000), and dropdown menus for 'Type' and 'Category'. Buttons for 'Save and Close', 'Save', and 'Close' are visible in the dialog.

PERSONNEL	SPONSOR	INST	UNALLOW	TOTAL
Wood, Roger PD/PI	\$ 21,667	\$ 0	\$ 0	\$ 21,667
Subtotal Personnel: \$ 21,667 \$ 0 \$ 0 \$ 21,667				
NON-PERSONNEL	SPONSOR	INST	UNALLOW	TOTAL
Supplies Lab Supplies	\$ 10,000	\$ 0	\$ 0	10,000
Subtotal Non-Personnel: \$ 10,000 \$ 0 \$ 0 \$ 10,000				
SPONSOR	INST	UNALLOW	TOTAL	
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1,667	\$ 0	\$ 0	\$ 31,667	
\$ 0	\$ 0	\$ 0	\$ 0	\$ 0
1,667	\$ 0	\$ 0	\$ 31,667	

Drift (see F&A)

Effort Periods (see Personnel)

Email Fetching

The details are beyond the scope of this document, but it is possible to identify one or more email addresses to InfoEd such that any emails to that address containing a proposal number and/or Grants.Gov id (either in its subject or body) are automatically copied as items within the Attachments tab in PT. Two common uses of this feature is to gather the automatic emails that come from Grants.Gov and NIH Commons during the submission process and to “cc” emails to proposal personnel; if the recipient “replies all,” their reply goes to this monitored address and is automatically saved to the proposal.

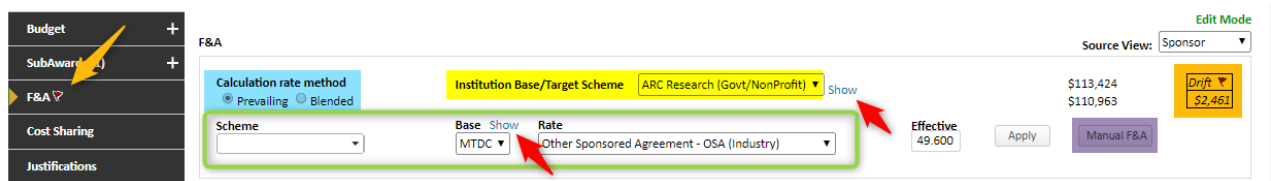
F&A (Facilities and Administrative) or Indirect Costs

Note: all of these features are available to DU but some may be restricted to use by administrators.

F&A can be calculated for a proposal while recording its direct cost budget. This is automatic in PD but, in PT, a scheme or base/rate must first be explicitly entered. Each time a budget item or person is added,

the related F&A is calculated taking into account budget categories that are included or excluded in the *base* definition (e.g., MTDC, TDC, etc.).

During proposal creation in PD, based on the choices set for Program Type and whether most of the work will be carried out on or off campus, an *Institution Base/Target Scheme* (yellow) will be established. The same scheme will be set as the one used for proposal calculations. (In PT, these must be added manually.) The *target* scheme is typically the institution’s US federally negotiated F&A rate and typically would not be changed by users – in fact, it may be hidden or view only for most users. If adjustments in the automatic calculations for the proposal need to be made, the user can change the Scheme, Base, or Rate options (green) and click APPLY to re-calculate F&A based on updated rules. The difference between the Target Scheme calculated F&A amount and the proposed calculated F&A amount constitutes *drift* (orange) which generally reflects “under-recovered F&A.” Note that this may or may not equate to what constitutes an “IDC waiver,” based on institutional rules. When drift exists, a red flag appears on the F&A tab in the navigation to aid in review.



Clicking on the *Show* link (above, red arrows) associated with either the target or proposal calculation criteria opens a popup displaying the relevant rates and base definitions.

The screenshot shows a software interface for F&A (Fringe Benefits and Administrative) setup. The background window displays 'Calculation rate method' as 'Institution Base/Target Scheme' and 'ARC Research (Govt/NonProfit)'. A 'Show' link is visible next to the rate information. A red arrow points from this 'Show' link to a popup window titled 'F&A Setups'. The popup window contains the following data:

TARGET F&A SETUPS		RULES AS DEFINED FOR NATIONAL INSTITUTES OF HEALTH - NIH	
Scheme:	ARC Research (Govt/NonProfit)	Base:	MTDC
		Rate:	Research - ARC (US Govt/NonProfit)
Rates			
Effective Date	Rate		
01-Jul-2010	47.400%		
01-Jul-2014	50.700%		
01-Jul-2015	50.700%		
01-Jul-2016	50.700%		
01-Jul-2017	50.700%		
Included Budget Categories			
Budget Category	Include	DC Cap	IDC Cap
Salaries	<input checked="" type="checkbox"/>	197,300.00	
Subcontract	<input checked="" type="checkbox"/>		25,000.00
Labor Overhead			
Funds Appropriation			
General & Administrative	<input checked="" type="checkbox"/>		
Profit or Fee			
Other Costs	<input checked="" type="checkbox"/>		
Capital Equipment		0.00	
Materials and Purchased Items	<input checked="" type="checkbox"/>		
Commercial Effort			
Fringe Benefits	<input checked="" type="checkbox"/>		
Facilities			
Administration			
Credits			

The Calculation Rate Method (two screenshots above, blue) only has an impact when F&A rates vary over the course of the budget period, perhaps because a new negotiated rate takes effect. If the rate changes mid-period, then selecting *Prevailing* causes the rate at the **beginning** of the budget period to be used for the entire period’s F&A calculation. If *Blended* is selected, the different rates will be used during the appropriate time segments to calculate F&A, resulting in an effective “weighted” F&A rate somewhere between the lower and higher rate values.

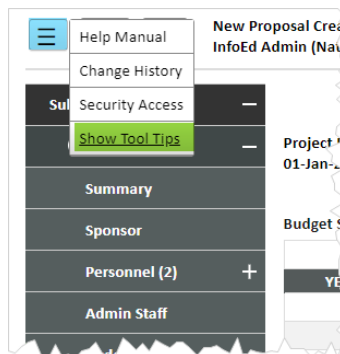
The MANUAL F&A button (two screenshots above, violet) allows the user to make manual adjustments to either the item-level base or requested F&A or to the period level data in the summary grid at the bottom of the screen. The button may be hidden or not available for use by most users.

Personnel Costs							
	PERIOD 1	PERIOD 2	TOTAL				
Wood, Roger							
Sponsor Directs	21,667	21,667	43,334				
Sponsor F&A Base	21,667	21,667	43,334				
Requested F&A	1,733	1,733	3,466				
Directs & F&A Total	\$ 23,400	\$ 23,400	\$ 46,800				
Non-Personnel Costs							
	PERIOD 1	PERIOD 2	TOTAL				
Supplies							
Sponsor Directs	10,000	10,300	20,300				
Sponsor F&A Base	10,000	10,300	20,300				
Requested F&A	800	824	1,624				
Directs & F&A Total	\$ 10,800	\$ 11,124	\$ 21,924				
	PERIOD 1	PERIOD 2	TOTAL				
Direct Cost Totals	\$ 31,667	\$ 31,967	\$ 63,634				
F&A Base Totals**	\$ 31,667	\$ 31,967	\$ 63,634				
F&A Totals	\$ 2,533	\$ 2,557	\$ 5,090				
Grand Totals	\$ 34,200	\$ 34,524	\$ 68,724				
F&A Breakdown							
PERIOD	START DATE	END DATE	INDIRECT COST TYPE	RATE	BASE	AMOUNT	
1 Detail	01-Jan-2017	31-Dec-2017	MTDC	8.000	31,667	2,533	Clear
2 Detail	01-Jan-2018	31-Dec-2018	MTDC	8.000	31,967	2,557	Clear
Total					\$ 63,634	\$ 5,090	

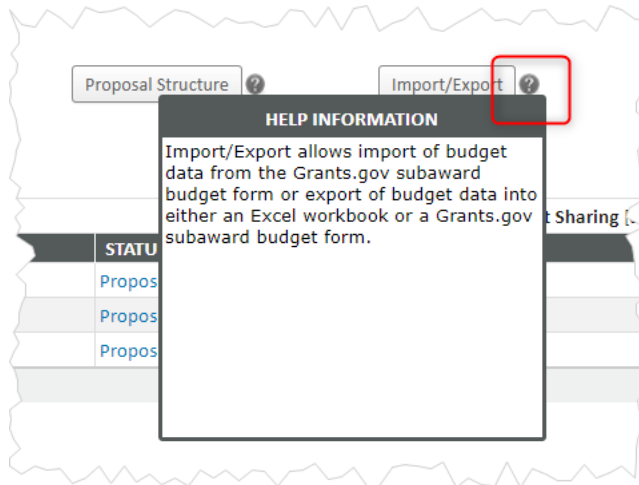
Fringe Benefits (see Personnel)

Help (Field Level)

Many (not all) fields have “field level help” which can be defined by DU administrators. The icons to access this information can be exposed by clicking the menu (three horizontal lines) icon (blue) and then clicking “SHOW TOOL TIPS” (green).



Once that is done, help (where it has been defined) can be seen by “mousing over” one of the question-mark help icons (red).



Import/Export

External budgets can be imported as subawards and DU budgets can be exported to be used as subawards by DU’s prime funder.

For importing subawards, start the subaward has described in *The Basics* but click IMPORT rather than ADD. Locate and upload the Adobe package. Map the listed personnel and budget categories to yours.

These features are explained in a separate official InfoEd document, *Subaward Import/Export Tool*.

Indirect Costs (see F&A)

Inflation

In most places, either a pre-defined Inflation Scheme or (if “manual entry” is chosen as the scheme) a numeric rate can be applied. Note that DU has elected to name its sole inflation scheme “3%” but this may change over time.

2 2 01-Sep-2021 31-Aug-2022 New* Proposed 111,553

Non-Personnel Costs

Detail Justifications Cost Sharing Show Calculations Save and Close Save Close

Costs by "Budget Period" Annual Inflation 3.00% Description Consultant Services

Budget Category Consultant Services Object Code 723500 - Other Outside Services

PERIOD	START DATE	END DATE	TOTAL	
1	01-Sep-2020	31-Aug-2021	14,000	Remove
2	01-Sep-2021	31-Aug-2022	14,420	Remove
3	01-Sep-2022	31-Aug-2023	14,853	Remove
Total			\$ 43,273	

2 2 01-Sep-2021 31-Aug-2022 New* Proposed 111,553

Non-Personnel Costs

Detail Justifications Cost Sharing Show Calculations Save and Close Save Close

Costs by "Budget Period" Annual Inflation Manual Entry Description Consultant Services

Budget Category Consultant Services Object Code 723500 - Other Outside Services

PERIOD	START DATE	END DATE	TOTAL	
1	01-Sep-2020	31-Aug-2021	14,000	Remove
2	01-Sep-2021	31-Aug-2022	14,280	Remove
3	01-Sep-2022	31-Aug-2023	14,566	Remove
Total			\$ 42,846	

Justifications

In addition to the Upload Form approach described in *The Basics: Entering Justifications*, an alternate approach is to click the SHOW button (red) on the Justifications page to access the *Use Database* option. (You may not have access to the SHOW button but your department administrator might.)

Budget +

SubAwards (1) +

F&A

Cost Sharing

Justifications

Versions

Setup

Justifications Show

UPLOAD "BUDGET JUSTIFICATION" DOCUMENTATION

Choose File No file chosen Upload

When using this option, you can key (or paste) your justifications directly into the appropriate box (yellow). Saving the page will automatically generate a PDF image of your entered text (blue; this section will not appear until you **do** save).

Edit Mode

Justifications

Upload Form
 Use Database

Original PDF

BUDGET JUSTIFICATION

Ms InfoEd Administrator (PD/PI 50%) will be responsible for accumsan tincidunt gravida. Phasellus posuere porta turpis in congue.

EQUIPMENT

Personnel

NAME	JUSTIFICATION	MOVE TO BUDGET JUSTIFICATION
Administrator, InfoEd	Ms InfoEd Administrator (PD/PI 50%) will be responsible for accumsan tincidunt gravida. Phasellus posuere porta turpis in congue.	<input type="checkbox"/>

Non-Personnel

NAME	JUSTIFICATION	MOVE TO BUDGET JUSTIFICATION
Consultant Services		<input type="checkbox"/>

An extension of using this approach is that you can record line-by-line justifications on individual budget lines *as you enter them* (green for personnel budget lines, blue for non-personnel budget lines) to record justifications on a line-by-line basis. (On the personnel budget, clicking the **AUTOFILL** button in yellow will populate the justification with the person's name, role, effort, and a few introductory words, shown here in yellow.)

Budget Detail for: Admin, InfoEd

Detail Appointments **Justifications** Cost Sharing Effort Periods

Budget Justification

InfoEd Admin (PD/PI 50%) will be responsible for tiam sit amet leo auctor, suscipit felis vel, gravida sem.
Proin in.

Non-Personnel Costs

Detail **Justifications** Cost Sharing

Budget Justification

ADP will be used to ipsum dolor sit amet, consectetur adipiscing elit.

When such line-level justifications are entered, they can be used as sources for the Us Database option just described, either by copy-and-paste or by clicking the checkboxes (blue) to move the text directly.

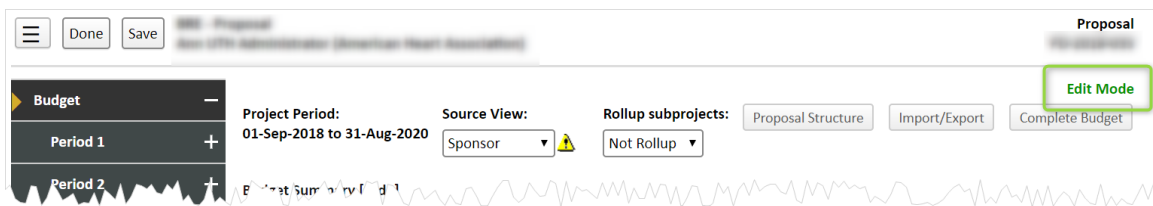
Use Database

PERSONNEL		SUBAWARDS
ADDITIONAL NARRATIVE		
Personnel		
NAME	JUSTIFICATION	MOVE TO BUDGET JUSTIFICATION
Admin, InfoEd	InfoEd Admin (PD/PI 50%) will be responsible for tiam sit amet leo auctor, suscipit felis vel, gravida sem. Proin in.	<input type="checkbox"/>
Non-Personnel		
NAME	JUSTIFICATION	MOVE TO BUDGET JUSTIFICATION
project analysis	ADP will be used to ipsum dolor sit amet, consectetur adipiscing elit.	<input type="checkbox"/>
Modular Budget Transaction		<input type="checkbox"/>
SUBAWARDS		
NAME	JUSTIFICATION	MOVE TO SUBAWARDS JUSTIFICATION
No records to display.		

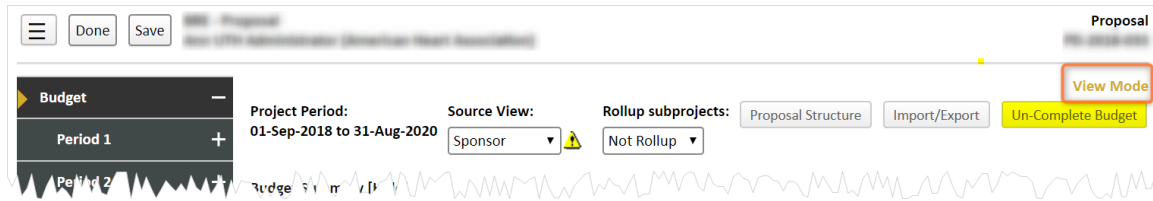
Mechanism Opt In/Out (see Budget Validation)

Mode (Edit, View)

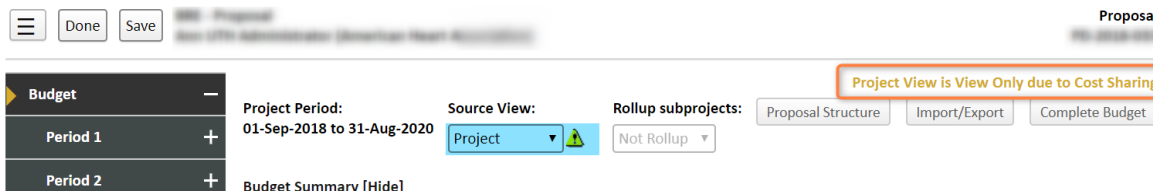
In order to be able to edit a given page, it must be in Edit Mode.



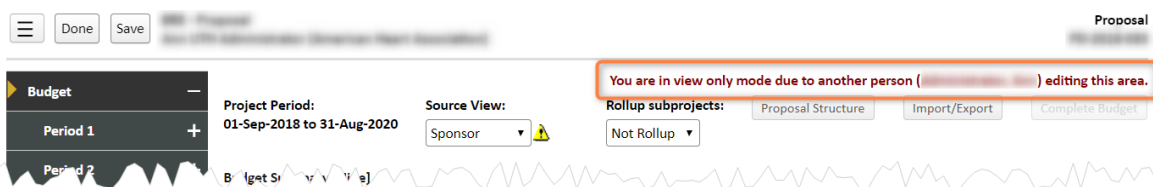
There are a variety of reasons why a page might be in View Mode: a completed budget, ...



... having a Source View (see *Details > Source View*) of “Project” when there is cost share or over-the-cap budgeting (warning icon in blue),...



... or attempting to access a page on which another user has “edit” rights...



...can all put you into View Mode. In this last case, the indicated person needs to open another page in that proposal or click **DONE** to release the record entirely. If that person is not available, research administrators can “kick the person out of the record.”

Modular Budgets

InfoEd supports building PD (only) budgets for an NIH application using a modular budget format with as much or as little budget detail information as required by DU policy. If DU allows you to simply set the number of modules and include no further budget detail, the tool will handle that; if your institution

requires a full detailed budget reflecting the modular requested amounts for each period that is also supported. This variation is supported through a feature called the *Modular Budget Transaction*, which is displayed in the summary section at the bottom of the budget summary screen.

Personnel [Hide]								
	NAME	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS	
Detail	Wood, Roger PD/PI	\$ 21,667	\$ 21,667	\$ 21,667	\$ 21,667	\$ 21,667	\$ 108,335	
Subtotal Personnel:		\$ 21,667	\$ 21,667	\$ 21,667	\$ 21,667	\$ 21,667	\$ 108,335	
Non-Personnel [hide]								
	CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS	
Detail	Purchased Equipment	\$ 25,000	-	-	-	-	\$ 25,000	
Subtotal Non-Personnel:		\$ 25,000	\$ 0	\$ 0	\$ 0	\$ 0	\$ 25,000	
SubAwards [Hide]								
	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	DIRECT COSTS
Detail	Impressive University		\$ 70,701	\$ 70,701	\$ 70,701	\$ 70,701	\$ 70,701	\$ 353,505
Subtotal SubAwards:		\$ 70,701	\$ 70,701	\$ 70,701	\$ 70,701	\$ 70,701	\$ 70,701	\$ 353,505
Subprojects [show]								
		PERIOD 1	PERIOD 2	PERIOD 3	PERIOD 4	PERIOD 5	TOTAL COSTS	
Modular Budget Transaction:		\$ 159,958	\$ 184,958	\$ 184,958	\$ 184,958	\$ 184,958	\$ 899,790	
Total Sponsor Direct Costs:		\$ 277,326	\$ 277,326	\$ 277,326	\$ 277,326	\$ 277,326	\$ 1,386,630	
Sponsor F&A:		119,843	119,843	119,843	119,843	119,843	599,215	
Total Sponsor Costs:		\$ 397,169	\$ 397,169	\$ 397,169	\$ 397,169	\$ 397,169	\$ 1,985,845	

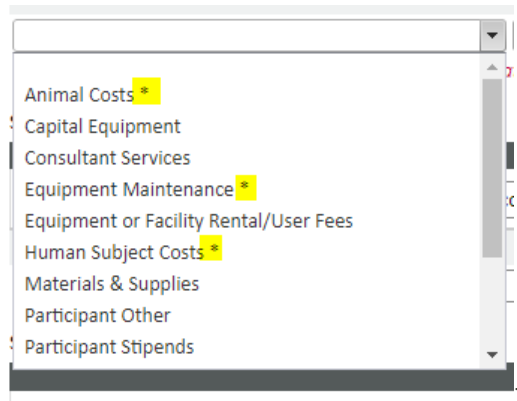
If you have selected 8 modules, then initially the modular budget transaction will display \$200,000 (8x\$25,000) for each period. As you record detailed budget data (e.g., personnel or non-personnel costs, subawards, etc.) those costs are deducted from the \$200,000 modular amount reflected in the modular budget transaction. The modular budget transaction amount floats, varying with the direct costs you enter onto the budget and reflecting the difference between the detail costs you record and the modular amount that will be requested. The detailed budget data (and the modular budget transaction value) will be retained locally but not submitted to NIH with the application.

The Modular Budget screen allows users to set the number of modules to be requested for each budget period. A configuration exists to default the number of modules to zero or 10 initially, however users can then make manual adjustments on this screen when appropriate. As described above, the number of modules set here defines the maximum amount of the modular budget transaction on the budget summary screen.

Budget +		Modular Budget				View Mode
Modular Budget		Directs				
	YEAR	DIRECTS LESS SUB CONT F&A	MODULES	AMOUNT	GAP	
SubAwards (1) +	1	\$ 90,042.00	10	\$ 250,000.00	\$ -159,958.00	
F&A	2	\$ 65,042.00	10	\$ 250,000.00	\$ -184,958.00	
Cost Sharing	3	\$ 65,042.00	10	\$ 250,000.00	\$ -184,958.00	
Justifications	4	\$ 65,042.00	10	\$ 250,000.00	\$ -184,958.00	
Versions	5	\$ 65,042.00	10	\$ 250,000.00	\$ -184,958.00	
		\$ 350,210.00	50	\$ 1,250,000.00	\$ -899,790.00	

Non-Personnel Budgets

When entering Non-Personnel budgets, you may notice that the list of available categories varies by sponsor. You may also notice that some categories are suffixed with asterisks.



These asterisks only appear when your proposal is to be submitted to Grants.Gov, and only in Proposal Development. The asterisked categories are those that do not explicitly map to the projected electronic budget form and the number of them that can be selected may therefore be restricted. For example, the R&R budget form allows a maximum of three asterisked categories, which then appear as lines 8, 9, and 10 of section F.

RESEARCH & RELATED BUDGET - SECTIONS F-L, Budget Period 1

ORGANIZATIONAL DUNS*: 0074317600000
Budget Type*: Project Subaward/Consortium
Organization: University of Denver

Start Date*: 09-01-2020 **End Date*:** 08-31-2021 **Budget Period:** 1

F. Other Direct Costs	Funds Requested (\$)*
1. Materials and Supplies	0.00
2. Publication Costs	0.00
3. Consultant Services	14,000.00
4. ADP/Computer Services	0.00
5. Subawards/Consortium/Contractual Costs	0.00
6. Equipment or Facility Rental/User Fees	0.00
7. Alterations and Renovations	0.00
8. Human Subject Costs	1,000.00
9. Animal Costs	1,000.00
10. Equipment Maintenance	1,000.00
Total Other Direct Costs	17,000.00

Otherwise, the *Basics* section covers most of the instructions relating to Non-Personnel budgets. Most of what remains is addressed in the *Justifications*, *Cost Sharing*, and *Show Calculations* entries in this *Details* section.

Non-Personnel Costs

Detail Justifications Cost Sharing Show Calculations Save and Close Save Close

Costs by "Budget Period" Annual Inflation Standard Description project analysis

Budget Category Data Processing Services Object Code 61006 - MAINTENANCE & OPERATION

PERIOD	START DATE	END DATE	TOTAL
1	01-Jun-2019	31-May-2020	14,000
2	01-Jun-2020	31-May-2021	14,420
Total			\$ 28,420

Period Level Budgeting

While most users tend to budget for all years at once (which is the assumption in all screenshots in this document, up until this point), some users prefer to budget for each year individually. This is easily done by either clicking an increment number on the summary budget page *or* clicking the period name. Both methods open a budget page just for the selected period. Nearly all features remain essentially the same.

Budget Edit Mode

Project Period: 01-Sep-2020 to 31-Aug-2023 Source View: Sponsor Rollup subprojects: Proposal Structure Import/Export Build PDF Complete Budget

Budget Summary [Hide]

YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	TOTAL	TOTAL	DIRECTS	FRA	TOTAL
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	\$ 115,413	-	\$ 77,148	\$ 38,265	\$ 115,413
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	116,041	-	77,568	38,474	116,041
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	116,689	-	78,001	38,688	116,689
Total:						\$ 348,144	\$ 0	\$ 232,716	\$ 115,427	\$ 348,144

Personnel [Hide]

NAME	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Administrat... InfoEd PD/PI	\$ 60,148	\$ 60,148	\$ 60,148	\$ 180,443
Subtotal Personnel:	\$ 60,148	\$ 60,148	\$ 60,148	\$ 180,443

Non-Personnel [Hide]

CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Animal Costs	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000
Consultant Services				
Equipment Maintenance				
Human Subject Costs				
Subtotal Non-Personnel:	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000

Requested Period 1

Personnel Costs

NAME	ROLE	BASE SALARY	CALENDAR	ACADEMIC	SUMMER	SALARY	FRINGE BENEFITS	TOTAL
Administrat... InfoEd PD/PI		120,000	0.00	6.00	0.00	Cost Sharing 60,000	Blended Fringe Rate Cost Sharing 148	\$ 60,148
Total							\$ 60,000	\$ 148
								\$ 60,148

Non-Personnel Costs

CATEGORY	DESCRIPTION	TOTAL
Animal Costs	Animal Costs	1,000
Consultant Services	Consultant Services	14,000
Equipment Maintenance	Equipment Maintenance	1,000
Human Subject Costs	Human Subject Costs	1,000
Total		\$ 17,000

SubAwards

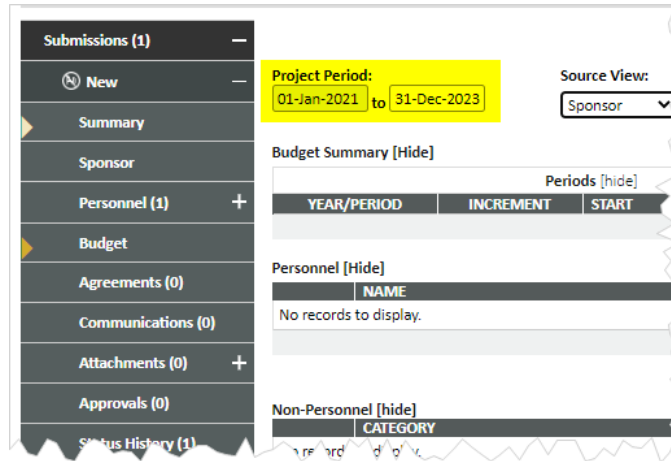
INST/CONTRACTOR NAME	PI	DIRECTS	FRA	TOTAL
Boise State University	Smith, Stephanie	\$ 0	\$ 0	\$ 0
Total				\$ 0

Subprojects

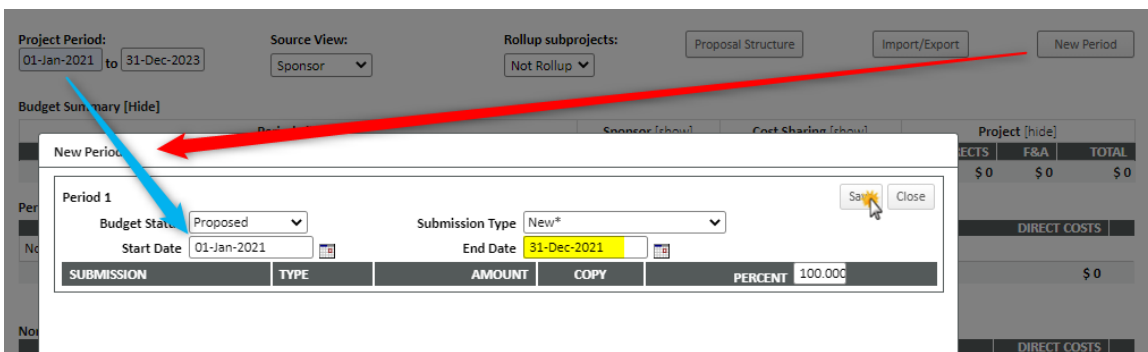
PI	DIRECTS	FRA	TOTAL

When using PD, the Setup section asks the start and end dates of the proposal and how many budget periods this spans. InfoEd uses that information and automatically breaks the duration determined by those dates into equal periods (dates can be adjusted, if needed, on the Setup page (q.v.)). Thus, when you get to the PD budget page, periods already exist. On the other hand, when creating a new PT proposal, those questions are not asked and so you must add the periods manually.

First, navigate to the PT budget page and enter the overall project start and end dates; SAVE.



You can then click NEW PERIOD to create period 1. The first period will automatically start on the Project Period start date that you just entered (blue); it will end one year later. The end date can be modified if needed (yellow). You can also set the Budget Status and/or Submission Type, as needed. Generally, the defaults will be correct. SAVE.



You now have two choices: you can continue to click the NEW PERIOD button to define the remaining budget periods (and end up with something that looks like the starting point of a PD budget) **or** you can complete the period 1 budget immediately and then click NEW PERIOD.

In either case, when you click NEW PERIOD again, you will be given the option to copy (yellow) period 1 (or any previous period); if you clicked NEW PERIOD without budgeting period 1, this option is moot as there is nothing to copy. If you **have** budgeted period 1 (or any other previous period), the copy can be “scaled” (blue) from it into the new period. Note that this is **not** inflation: scaling values only range from

0 to 100. (While this feature does exist as described, it is not particularly useful here. It has much more importance when copying a **proposed** budget into an **award**. The mechanism is the same.) Regardless of the state of the budget being copied, the new period will always automatically start the day after the previous period ends (green) and will extend for a full year; again, the end date can be modified.

The screenshot displays a budget management interface. At the top, there are controls for 'Project Period' (01-Jan-2021 to 31-Dec-2023), 'Source View' (Sponsor), and 'Rollup subprojects' (Not Rollup). Below this is a 'Budget Summary [Hide]' table with columns for YEAR/PERIOD, INCREMENT, START, END, TYPE, STATUS, Sponsor, Cost Sharing, and Project. The table shows one period starting 01-Jan-2021 and ending 31-Dec-2021, with a status of 'Proposed' and a total of \$0. A 'New Period' dialog box is open, showing 'Period 2' with 'Budget Status' set to 'Proposed' and 'Submission Type' set to 'New*'. The 'Start Date' is 01-Jan-2022 and the 'End Date' is 31-Dec-2022. A green arrow points from the 'Proposed' dropdown in the dialog to the 'Proposed' status in the 'Budget Summary' table. The dialog also shows a table with columns for 'SUBMISSION', 'TYPE', 'AMOUNT', 'COPY', and 'PERCENT', with a value of 100.000 in the 'PERCENT' column.

Personnel

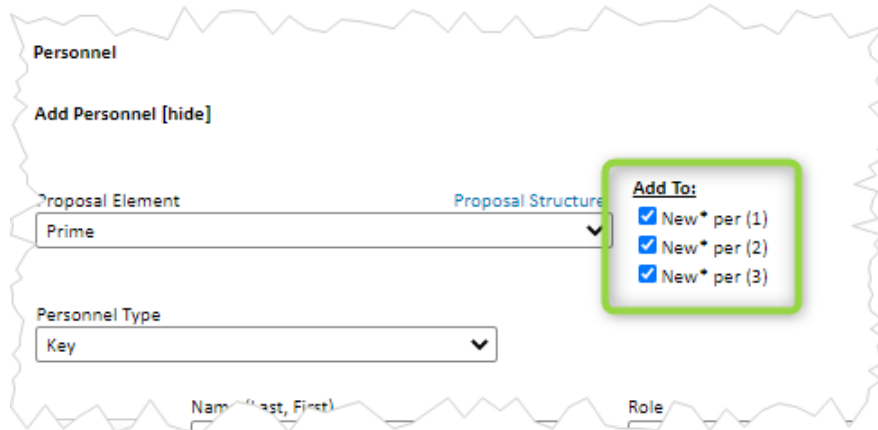
It is possible for personnel to be added to either the personnel section of Budgets **or** the Personnel tab, and usually both sides need to be addressed for a given person (budgets in Budgets, curriculum vitae and certification checks in Personnel), so the sequence of the two tabs is somewhat of a local preference.

The Budget personnel section will automatically include anyone listed on the Personnel tab that has a role *that can be budgeted*. For example, “other significant contributors” listed on the Personnel tab proper will **not** appear in the personnel area of the budget. Conversely, a person added to the personnel budget section will **also** appear on the separate Personnel tab. The only “rule” is that non-budgeted people should be added on the Personnel tab.

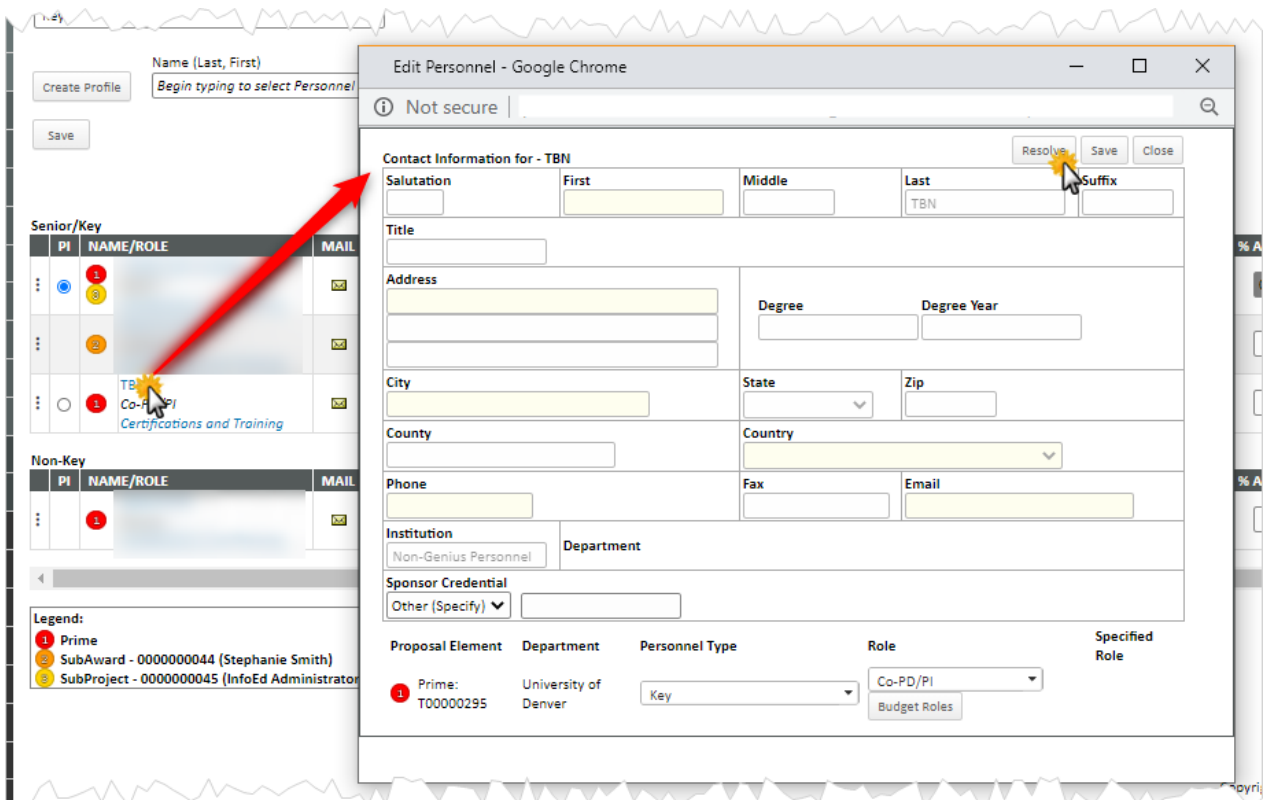
Remember that PD personnel are automatically “published” to the PT side when the PD budget is flagged as complete.

The Personnel pages in PD and PT are quite similar. The largest functional differences are:

- PD has a “Completed” checkbox in its upper right corner (like most other PD screens)
- PD has columns for Inc[lude], Alert, and uploads.
- PT has columns for allocating credit.
- PT has the ability to add a person selectively to the proposal’s periods.



- PT has the ability to “resolve” TBN personnel, i.e., replacing TBN personnel with “real” ones. (In the absence of this feature in PD, one must physically delete the TBN and re-add a new person.) To resolve a TBN, click the “name” in PT, which – as for other personnel in PT and in PD both – opens a popup window of contact information. Click the RESOLVE button.



The popup window is replaced by another. Its red Intake section lists the information associated with the TBN profile; it is likely minimal (recall that only a last name and department were required to add that person). Enter whatever information you have to identify the “real” person in the green GENIUS section (yellow highlight). Many fields are available but last and/or first

names will prove most useful. (The Use button will move fields from the red to the green section but this information is unlikely to be of much use in finding the “real” person.) Click SEARCH.

Profile Reconciliation				Close
Profile Field	Intake	GENIUS		GENIUS
	Record as entered by user	Search/Browse Filter	Search	Create new GENIUS record
Last Name	TBN	--Use-->	Smith	
First Name				
Middle Name				
Salutation				
Suffix				
Title				
Phone				
Fax				
eMail				
Beeper				
Address, Line 1				
Address, Line 2				
Address, Line 3				
Address, Line 4				
City				
State			Set	
Zip				
Country			Set	
MailStop				
Department Name	Non-Genius Personnel		University of Denver	Set
Date of Birth				
Address 2, Phone				
Address 2, Fax				
Address 2, Beeper				
Address 2, Line 1				
Address 2, Line 2				
Address 2, Line 3				
Address 2, Line 4				
Address 2, City				
Address 2, State				
Address 2, Zip				
Address 2, Mailstop				
Generate Password			<input type="checkbox"/>	

Matches will now be listed in the blue GENIUS area, with information about the first match shown. The total number of matches will appear at the top (yellow highlight). Use the << and >> buttons to view the available matches. When the proper one is shown, click LINK TO THIS RECORD.

Profile Reconciliation				Close
Profile Field	Intake		GENIUS	GENIUS
	Record as entered by user		Search/Browse Filter	Showing Match 2 of 31 << >> Link to this Record Create new GENIUS record
Last Name	TBN	--Use-->	Smith	
First Name				
Middle Name				
Salutation				
Suffix				
Title				
Phone				
Fax				
eMail				
Beeper				
Address, Line 1				Anderson Academic Commons
Address, Line 2				
Address, Line 3				2150 E. Evans Ave.
Address, Line 4				
City				Denver
State			Set	CO
Zip				80210
Country			Set	USA
MailStop				
Department Name	Non-Genius Personnel		University of Denver	Office of Teaching & Learning - Admin
Date of Birth				
Address 2, Phone				
Address 2, Fax				
Address 2, Beeper				
Address 2, Line 1				
Address 2, Line 2				
Address 2, Line 3				
Address 2, Line 4				
Address 2, City				
Address 2, State				
Address 2, Zip				
Address 2, Mailstop				
Generate Password			<input type="checkbox"/>	

Proposal Structure (see Structure)

Resolving Profiles (see Personnel)

Rollup Subproject (see Subprojects)

Salary Release

InfoEd has a feature that allows “appointments” (i.e., salary and fringe information) to be stored for each person. When that person is added to a proposal, that salary and fringe is available for use in a budget, so no other look up is needed. In order to prevent “fishing for salaries” (where a person could add someone to his proposal, make a note of the salary, and then delete the person from the proposal), the Salary Release feature is configured such that the salary and fringe information does not appear in the proposal immediately. Instead, adding a person to a proposal causes an email to go a designated person (possibly that person him/herself, but also possibly an administrator) with information about the proposal in question. The email asks for permission that the salary information be released. Only when

the release is explicitly made (using a button accessible via a link in the release letter) will the salary and fringe be visible on the proposal.

Setup

The Setup tab within the Budget allows users with appropriate privileges to make various structural changes to the budget. It is divided into four subtabs, described separately below.

The **General** sub tab allows the user to change default configurations for this specific proposal for things like object code budgeting, whether salary inflation in future years should allow for increases above the current sponsor’s salary cap, which option the person months/percent effort picklist defaults to, and to control decimal precision (usually set to zero – whole dollars – in Proposal Development). It also allows activating *Alternate Currency* tracking, which requires additional configurations to support but then allows users to view the budget summary screen in an alternate currency (i.e., something other than US dollars) using a defined exchange rate.

The screenshot shows the 'Budget Setup' interface. On the left is a navigation menu with options: Budget (+), F&A, Cost Sharing, Justifications, Versions, and Setup (highlighted with a yellow box). The main area is titled 'Setup' and contains four subtabs: GENERAL (selected), PERIOD/DATES, CHANGE PI, and MECHANISM OPT IN/OUT. Under the 'GENERAL' subtab, there are several configuration options: 'Use Scheme dates or Project Anniversary for inflation dates?' with radio buttons for 'Scheme' (selected) and 'Anniversary'; 'Allow for Object Code Budgeting' (checkbox); 'Calculate F&A using Object Codes' (checkbox); 'Allow inflation in future years to make salary exceed sponsor's direct cost cap' (checkbox, checked); 'Display Quantity and Unit Columns in Budget Detail' (checkbox); 'Default Person Months/Percent Effort Picklist on the Personnel Tab' with a 'Person Months' dropdown; 'Default Person Months/Percent Effort Picklist on the Budget Tab' with a 'Person Months' dropdown; and 'Decimal Precision' set to '0'. Below these is the 'Alternate Currency' section with a checkbox for 'Track alternate currency on this proposal', a text field for 'Currency AOA', a 'Rate 1.00000' field, and a 'Set' button. At the bottom, there is a 'BUDGET VALIDATE' section with a 'Budget Validate' button.

The **Period/Dates** subtab allows the user to alter the budget periods and project start and end dates. The entire budget can be *shifted* by *x* days/months or the start date updated to a future date. Budget periods can be added or removed here as well. The project start and end dates are automatically controlled based on the earliest budget period start date and the latest budget period end date. Generally, budget period dates may not overlap nor can gaps exist between the end of one period and the beginning of the next.

Setup

GENERAL PERIOD/DATES CHANGE PI MECHANISM OPT IN/OUT

Project Period

START	END
01-Jan-2016	31-Dec-2020

Shift Project Dates

	New	Old
Project Start	<input type="text"/>	01-Jan-2016 31-Dec-2020
-Or-		
Shift by	<input type="text"/>	days

Budget Period Add Delete

BUDGET PERIOD	START	END
1	01-Jan-2016	31-Dec-2016
2	01-Jan-2017	31-Dec-2017
3	01-Jan-2018	31-Dec-2018
4	01-Jan-2019	31-Dec-2019
5	01-Jan-2020	31-Dec-2020

The **Change PI** sub tab allows the user to change the PI of the proposal. Any other person already listed on the record can be selected or another profile can be chosen as needed. In concert with changing the PI of the record, the current PI can be removed entirely from the record or that person can be left on the record and you can set a new role for that person.

Setup Edit Mode

GENERAL PERIOD/DATES CHANGE PI MECHANISM OPT IN/OUT

Change the PI Replace PI and Leave the Current PI on the Proposal

Name (Last, First) Add New PI


Switch PI To... -Or- Select

NAME	DEPARTMENT	NEW PI
Jordan, Hal	College of Arts and Sciences	<input checked="" type="checkbox"/>
Aber, Tim S	School of Public Health & Stuff	<input type="checkbox"/>

See *Details: Budget Validation* for a description of the **Mechanism Opt In/Out** Subtab.

Short Form

The Short Form is a feature of each subaward (q.v.).

SubAwards [Hide]							
	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS	
⋮	Boise State University		-	-	-	\$ 0	Delete
Subtotal SubAwards:			\$ 0	\$ 0	\$ 0	\$ 0	
Begin typing to select n Subaward Institution name			Begin typing to select n subawardPI		Add SubAward	Import	

It can provide a convenient place to record non-budgetary information about the subaward, especially contact information and various uploads. It is not intended for tracking the contractual negotiations, although it could be used for such. (Negotiations are more rigorously done in PT's Agreements tab or InfoEd's Agreement module.) The EDIT, SELECT, and EXPAND buttons give access to each section.

SubAward Short Form

Title: Institution Number: [Edit](#)

From: To:

Contract Number: Type:

Final Inv: Audit:

Comments:

Performance Period

Date Received: Date Sent: Date Paid:

Account Number: PO Number:

Subawardee

Boise State University [Edit](#)

Principal Investigator

Stephanie Smith
Boise ID, [Edit](#) [Select](#)

Associated Department

Boise State University [Select](#)

Main Contact

[Remove](#) [Select](#)

Technical Contact

[Remove](#) [Select](#)

Administrative Contact

[Remove](#) [Select](#)

Agreements

[Expand +](#)

Approvals

[Expand +](#)

Status History

[Expand +](#)

Performance Sites

[Expand +](#)

Budget

[Expand +](#)

Document Uploads

[Expand +](#)

SubAward UDF's

[Save](#) [Expand +](#)

Show Calculations

The SHOW CALCULATIONS button displays a popup window which shows all the computations that come into play for determining that particular budget line. Depending on the particular budget line and other proposal attributes, these may include the points in time where a budget period ends, the indirect cost rate changes, benefit rates change, inflation is applied, and/or other changes occur.

Project		Start	End	Inflation Scheme: 3.00%																		
Period 1		01-Jan-2021	31-Dec-2021	Fringe Benefit Scheme:																		
		01-Jan-2021	31-Dec-2021	F&A Scheme:																		
Salary Details																						
EffectiveDate	Project Date	Appt. Annvs. Date	On Project	Appt. Type	Base Salary	Inflation	Inflation Point	Inflation Compounded	Inflated Base Salary	Inflation Amount	FB Change point	FB Rate	Fringe Benefits	Total Base Salary	Sponsor Fringe Benefits	Effort	Cal Months	Acad Months	Sumr Months	Scheme	Sponsor Base	
01-Jan-2021	✓		✓	ACAD	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00		0.253	\$30,360.00	\$150,360.00	\$30,360.00	45.000%	0	0	0		MTDC	Yes
31-May-2021			✓	ACAD	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00		0.253	\$30,360.00	\$150,360.00	\$30,360.00	45.000%	0	0	0		MTDC	
01-Jun-2021		✓	✓	SUMR	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00	✓	0	\$0.00	\$120,000.00	\$0.00	45.000%	0	0	0		MTDC	
31-Aug-2021			✓	SUMR	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00		0	\$0.00	\$120,000.00	\$0.00	45.000%	0	0	0		MTDC	
01-Sep-2021		✓	✓	ACAD	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00	✓	0.253	\$30,360.00	\$150,360.00	\$30,360.00	45.000%	0	0	0		MTDC	Yes
31-Dec-2021	✓		✓	ACAD	\$ 120,000.00	0		1	\$ 120,000.00	\$ 0.00		0.253	\$30,360.00	\$150,360.00	\$30,360.00	45.000%	0	0	0		MTDC	Yes
01-Jan-2022				ACAD	\$ 120,000.00	3.00%	✓	1.030	\$ 123,600.00	\$ 3,600.00		0.253	\$31,270.80	\$154,870.80	\$31,270.80	0.000%	0	0	0		MTDC	Yes
01-Jun-2022		✓		SUMR	\$ 120,000.00	3.00%		1.030	\$ 123,600.00	\$ 3,600.00	✓	0	\$0.00	\$123,600.00	\$0.00	0.000%	0	0	0		MTDC	
01-Sep-2022		✓	✓	ACAD	\$ 120,000.00	3.00%		1.030	\$ 123,600.00	\$ 3,600.00	✓	0.253	\$31,270.80	\$154,870.80	\$31,270.80	0.000%	0	0	0		MTDC	Yes
01-Jan-2023				ACAD	\$ 120,000.00	3.00%	✓	1.060900	\$ 127,308.00	\$ 7,308.00		0.253	\$32,208.92	\$159,516.92	\$32,208.92	0.000%	0	0	0		MTDC	Yes
01-Jun-2023		✓		SUMR	\$ 120,000.00	3.00%		1.060900	\$ 127,308.00	\$ 7,308.00	✓	0	\$0.00	\$127,308.00	\$0.00	0.000%	0	0	0		MTDC	Yes
01-Sep-2023		✓	✓	ACAD	\$ 120,000.00	3.00%		1.060900	\$ 127,308.00	\$ 7,308.00	✓	0.253	\$32,208.92	\$159,516.92	\$32,208.92	0.000%	0	0	0		MTDC	Yes
31-Dec-2023				ACAD	\$ 120,000.00	3.00%		1.060900	\$ 127,308.00	\$ 7,308.00		0.253	\$32,208.92	\$159,516.92	\$32,208.92	0.000%	0	0	0		MTDC	Yes

This information can be very helpful in tracking down an apparently incorrect budget value, but it is probably of more use to InfoEd resources than to you, given its tight ties to the InfoEd budget calculation model.

Showing and Hiding

There are numerous Show/Hide toggle buttons within the Budget section. One mode is changed to the other by clicking the button. Hiding fields has absolutely *no* impact on the values used in computations; the buttons are purely for providing some ability to temporarily customize what you are seeing at any one time and are especially useful when using a smaller computer screen. You should feel free to try various combinations. Your selections cannot be saved; they will be reset as you leave a given page.

Source View

The *project* source view shows all budgets from all sources, *sponsor* shows only the budget to be requested from the sponsor, *institution* (there may be multiple of these) shows only the budget to be used from a source other than the sponsor (“cost shared”), and *over cap/unallowed* shows only the budget disallowed by the sponsor and not eligible for “true” cost sharing.

You can generally enter budgets in any of the views. The biggest exception to this is when **any** cost sharing **and/or** over-the-cap budgets exists. When that happens, *project* source view is view-only and you must continue any budgeting in any view **other than project**.

Project Period: 01-Jun-2019 to 31-May-2021

Source View: Sponsor (dropdown menu open showing Project, Sponsor, Institution, Over Cap/Unallowed)

Budget Summary [Hide]

Rollup: Not R

YEAR/PERIOD	INCREMENT	START	END	TYPE
1	1	01-Jun-2019	31-May-2020	Fundi
2	2	01-Jun-2020	31-May-2021	Fundi

Structure

The structure of a proposal refers to the proposal as a whole, including the main part (or “prime”) together with any subprojects and subawards (qq.v.), each of which in turn may contain nested subprojects or subawards. When shown in “budget structure” (graphic) mode, each unit within it is shown indented under its parent and automatically assigned a number, which is displayed as a colored circle. The circles serve as cross-references, indicating where in the structure a particular budget line or person is assigned.

Budget Structure window showing a hierarchical tree view of budget elements. The window title is 'Budget Structure' and it has tabs for 'Master/Child Structure'. The main table lists elements with their Institution Number, Project ID, Organization, PI, and PI Department. Each element has associated budget/award increments for three requested periods. The Project ID column contains colored circles (1, 2, 3) corresponding to the budget lines in the previous image.

Element	Institution Number	Project ID	Organization	PI	PI Department	Associated Budget/Award Increments			Add Element	Remove
						Period	Type	Start Date		
Prime	T00000295	1	University of Denver	Administrator, InfoEd	University of Denver	Requested Period 1	New*	01-Sep-2020	<input type="checkbox"/>	Add Subproject Add SubAward
						Requested Period 2	New*	01-Sep-2021	<input type="checkbox"/>	
						Requested Period 3	New*	01-Sep-2022	<input type="checkbox"/>	
SubAward	0000000044	2	Boise State University	Smith, Stephanie	Boise State University	Requested Period 1	New*	01-Sep-2020	<input checked="" type="checkbox"/>	Add SubAward
						Requested Period 2	New*	01-Sep-2021	<input checked="" type="checkbox"/>	
						Requested Period 3	New*	01-Sep-2022	<input checked="" type="checkbox"/>	
Subproject	0000000045	3	University of Denver	Administrator, InfoEd	University of Denver	Requested Period 1	New*	01-Sep-2020	<input type="checkbox"/>	Add Subproject Add SubAward
						Requested Period 2	New*	01-Sep-2021	<input type="checkbox"/>	
						Requested Period 3	New*	01-Sep-2022	<input type="checkbox"/>	
SubAward	0000000046	4	University of Delaware	Pelier, Joseph	University of Delaware	Requested Period 1	New*	01-Sep-2020	<input checked="" type="checkbox"/>	Add SubAward
						Requested Period 2	New*	01-Sep-2021	<input checked="" type="checkbox"/>	
						Requested Period 3	New*	01-Sep-2022	<input checked="" type="checkbox"/>	

The structure can also be shown in “master/child” (list) mode, with a similar nesting.

Project Period: 01-Sep-2020 to 31-Aug-2023

Source View: Sponsor

Rollup subprojects: Not Rollup

Proposal Structure

Import/Export

Build PDF

Complete Budget

Budget Summary [Hide]

YEAR/PERIOD	Proposal Structure	Sponsor [show]	Cost Sharing [show]	Project [hide]
	Budget Structure			
	Master/Child Structure			
1	T00000295(Test NIH Submission Proposal #1)			
2	000000045(Subproject for Institution = T00000295)			
3	000000046(SubAward for Institution = 000000045)			
	000000044(SubAward for Institution = T00000295)			

Subproject Summary [Show]

Personnel [Hide]

NAME
Administrator

Add New Profile

Begin typing

Proposal Structure

Save

Close

TOTAL	TOTAL	DIRECTS	F&A	TOTAL
\$ 120,948	-	\$ 80,848	\$ 40,100	\$ 120,948
121,577	-	81,268	40,309	121,577
122,224	-	81,701	40,524	122,224
\$ 364,749	\$ 0	\$ 243,816	\$ 120,933	\$ 364,749

	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
	\$ 60,148	\$ 60,148	\$ 60,148	\$ 180,443
Total Personnel:	\$ 60,148	\$ 60,148	\$ 60,148	\$ 180,443

In either case, you can directly open a given component by clicking its number.

Subawards

Subawards bear some resemblance to subprojects (q.v.) and the two are sometimes confused. However, they are distinct concepts. Where subprojects indicate **internal** work, subawards (sometimes also referred to as *consortia*, *subcontracts*, and *subrecipients*, although InfoEd uses the latter as the external **entity** awarded a subaward) reflect monies flowing **out** of DU. Subawards are **not** “child records” (q.v.) as the term is used by InfoEd.

It is important to note that, as used in InfoEd, subawards within the budget (and thus as described within this document) are largely distinct from their legalistic or contractual aspects, which are usually addressed by some combination of the PT Agreements tab or the separate Subawards or Agreements modules.

Subawards are generally added on the main budget page, immediately below Non-Personnel costs. They can also be added from a Structure (q.v.) display or on the Subawards tab, if it is shown, or on the Personnel tab (if you were to add a subaward PI there).

Add Bulk Entry

Non-Personnel [hide]

CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Retail				
Animal Costs	\$ 1,000	\$ 1,000	\$ 1,000	\$ 3,000
Subtotal Non-Personnel: \$ 17,000 \$ 17,420 \$ 17,853 \$ 52,273				

Select Budget Category

Add Item

SubAwards [Hide]

INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Boise State University		-	-	-	\$ 0
Subtotal SubAwards: \$ 0 \$ 0 \$ 0 \$ 0					

Begin typing to select a Subaward Institution name

Begin typing to select a subawardPI

Add SubAward

Import

Subprojects [hide] Import as Subproject

PI	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS

Otherwise, the *Basics* section covers most of the instructions relating to Subaward budgets.

Subprojects

Subprojects bear some resemblance to subawards (q.v.) and the two are sometimes confused. However, they are distinct concepts. Where subawards reflect monies flowing **out** of DU, subprojects indicate **internal** work. Subprojects are **almost** independent proposals in and of themselves that are nonetheless a part of a single sponsor submission. In this regard, they are similar to “program projects” but are distinct from these as well, as the **sponsor** does not see subprojects as separate units, while they would see program projects that way. Subprojects are **not** “child records” (q.v.) as the term is generally used by InfoEd.

Subprojects are most often used in the following cases: there will be two or more true co-principal investigators, each responsible for developing their own section of the budget; there are two or more somewhat distinct phases or tasks within the proposal, whether lead by the same or different PIs, which merit distinct budgets; or significant portions of the proposal will be subject to different F&A (q.v.) rates (perhaps for “on” versus “off” campus work) and separate rates (rather than a single computed “blended” rate) is desired.

Subprojects are usually added on the main budget page, immediately below Subawards. They can also be added from a Structure (q.v.) display or on the Subprojects tab, if it is shown. They may be initiated by adding in the [internal] PI’s name (as noted, this may be the same as the main PI or different).

The screenshot displays two tables in a budgeting software interface. The top table, titled 'SubAwards [Hide]', has columns for INST/CONTRACTOR NAME, SHORT FORM, PERIOD 1, PERIOD 2, PERIOD 3, and DIRECT COSTS. It shows one entry for 'Boise State University' with zero costs across all periods. Below this table are input fields for selecting a subaward institution name and subaward PI, along with 'Add SubAward' and 'Import' buttons. The bottom table, titled 'Subprojects [hide]', has columns for PI, PERIOD 1, PERIOD 2, PERIOD 3, and DIRECT COSTS. It shows one entry for 'Administrator, InfoEd - 0000000045' with \$3,700 in each period and a total direct cost of \$11,100. Below this table is an input field for selecting a subproject PI name and an 'Add SubProject' button. A green box highlights the 'Subprojects [hide]' header, and a yellow box highlights the 'Begin typing to select SubProject PI Name...' input field.

SubAwards [Hide]						
	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail	Boise State University		-	-	-	\$ 0
Subtotal SubAwards:			\$ 0	\$ 0	\$ 0	\$ 0

Begin typing to select a Subaward Institution name Begin typing to select a subawardPI Add SubAward Import

Subprojects [hide]					
	PI	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail	Administrator, InfoEd - 0000000045	\$ 3,700	\$ 3,700	\$ 3,700	\$ 11,100
Subtotal Subprojects:		\$ 3,700	\$ 3,700	\$ 3,700	\$ 11,100

Begin typing to select SubProject PI Name... Add SubProject

Subprojects can be thought of as independent proposals in many ways. In fact, a proposal being built by one person can be imported as a subproject into another by clicking the IMPORT AS SUBPROJECT link.

SubAwards [Hide]

INST/CONT	SubAward	SubAward PI	SubAward Title
National Institutes of Health - NIH	T00000203		test
National Institutes of Health - NIH	T00000215		Test
National Inst of Mental Health - NIMH	T00000216		Test
City and County Of Denver	T00000217		Test
Spencer Foundation	T00000218		Spencer Foundation - Test Windsor
National Science Foundation - NSF	T00000222		Test - Questionnaire Title

Subtotal SubAwards: \$0 \$0 \$0 \$0

Subprojects [hide] Import as Subproject

PI	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Administrator, InfoEd - 0000000045	\$ 3,700	\$ 3,700	\$ 3,700	\$ 11,100

Subtotal Subprojects: \$ 3,700 \$ 3,700 \$ 3,700 \$ 11,100

When one or more subprojects exists within a proposal, the budget for the subproject can be shown in two ways. By default, an entire subproject’s budget is shown as a single line item on its “prime” (main) proposal’s budget page, as shown in blue in the two previous screenshots. In this approach, you would click its **DETAIL** button to open the budget of the given subproject, which is built exactly like the main budget. The only difference is the Subproject “watermark” in its background.

Budget Summary [Hide]

YEAR/PERIOD	INCREMENT	START	END	TYPE	STATUS	Sponsor [show]	TOTAL	Cost Sharing [show]	TOTAL	DIRECTS	F&A	TOTAL
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed		\$ 5,535			\$ 3,700	\$ 1,835	\$ 5,535
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed		5,535			3,700	1,835	5,535
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed		5,535			3,700	1,835	5,535
Total:							\$ 16,606	\$ 0		\$ 11,100	\$ 5,506	\$ 16,606

Alternatively, you can select the **ROLLUP SUBPROJECTS: ROLLUP** option on the top of the prime’s budget page. This “expands” the subproject(s) such that their budgets are integrated into that of the prime. (The Subprojects section itself is now empty, green.) Effectively, this is what the sponsor would see. When this happens, one or more colored circles appear(s) next to each budget line, indicating whether that value came from the prime and/or subproject. (See *Details> Structure*.)

Budget Summary [Hide]

YEAR/PERIOD	INCREMENT	Periods [hide]				STATUS	Sponsor [show]	Cost Sharing [show]	Project [hide]		
		START	END	TYPE	TOTAL		TOTAL	DIRECTS	F&A	TOTAL	
1	1	01-Sep-2020	31-Aug-2021	New*	Proposed	\$ 120,948	-	\$ 80,848	\$ 40,100	\$ 120,948	
2	2	01-Sep-2021	31-Aug-2022	New*	Proposed	121,577	-	81,268	40,309	121,577	
3	3	01-Sep-2022	31-Aug-2023	New*	Proposed	122,224	-	81,701	40,524	122,224	
Total:						\$ 364,749	\$ 0	\$ 243,816	\$ 120,933	\$ 364,749	

Subproject Summary [Show]

Personnel [Hide]

	NAME	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail	Administrator, InfoEd (2) <i>Multiple Roles</i>	1	3		<i>Salary information for this individual has not been released to this project.</i>
Subtotal Personnel:		\$ 60,148	\$ 60,148	\$ 60,148	\$ 180,443

Non-Personnel [hide]

	CATEGORY	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail	Animal Costs (2)	1	3		\$ 14,100
Detail	Consultant Services	1			43,273
Detail	Equipment Maintenance	1			3,000
Detail	Human Subject Costs	1			3,000
Subtotal Non-Personnel:		\$ 20,700	\$ 21,120	\$ 21,553	\$ 63,373

SubAwards [Hide]

	INST/CONTRACTOR NAME	SHORT FORM	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
Detail	University of Delaware		3			\$ 0
Detail	Boise State University		1			0
Subtotal SubAwards:			\$ 0	\$ 0	\$ 0	\$ 0

Subprojects [hide] [Import as Subproject](#)

PI	PERIOD 1	PERIOD 2	PERIOD 3	DIRECT COSTS
No records to display.				
Subtotal Subprojects:		\$ 0	\$ 0	\$ 0

Here, "InfoEd Administrator" appears on both the prime and subproject, as do animal costs (fuchsia). The budget amount from each component can be seen by clicking the DETAIL button. The other non-personnel costs are only on the prime. A key to those numbers appears at the bottom of the page.

Legend:

- 1 Prime
- 3 SubProject - 0000000045 (InfoEd Administrator)

Versions

Versions are used within PD (not PT) to create alternate budgets (perhaps one containing a subaward and another not) for a given proposal. Once a budget is started, navigate to Budget> Versions, enter a name for the new version, and click ADD NEW VERSION. This will create a duplicate (yellow) of the original budget with the new version's name (blue). Note that if yet another version is added, the copy is made

from the one currently flagged as Active (green); the Active version is also the one which is displayed in the navigation panel at left. Any version can be made active but only one version can be active at a time. Essentially, “the” budget that appears in the navigation panel is always the version with the Active flag; the other non-active versions are only visible on this tab and have no other significance.

The screenshot shows a navigation panel on the left with 'Versions' selected. The main area displays a table of budget versions. The 'revision 1' version is highlighted in blue, and its 'ACTIVE' status is indicated by a green circle. A red arrow points to the 'revision 1' name in the table, and a green box highlights the 'ACTIVE' column.

ID	SHOW	NAME	VERSIONED BY	DATE	ACTIVE	DOWNLOAD	TOTAL	REMOVE
0	Show	Initial	Administrator, InfoEd	5/7/2020 1:04:55 PM	<input checked="" type="radio"/>	Download	364,749	Remove
1	Show	revision 1	Administrator, InfoEd	6/5/2020 10:04:23 AM	<input type="radio"/>	Download	364,749	Remove

In the above screenshot, the SHOW icon allows you to see the budget version in its entirety, simulating the navigation panel, without actually making it Active. DOWNLOAD will generate an Excel spreadsheet of the budget version. This spreadsheet may be useful for sharing with collaborators but it is important to note that it is text-only (there are no computation functions in it) and any changes subsequently made to it cannot be imported back into the budget.