

Using the OR Budget Templates

Presented by the UC Davis Sponsored Programs Office

Learning Objectives

After this class, you should know how to:

1. **Select the appropriate template** for your project and use it effectively
2. Use the template's customization features to accurately **calculate project costs**
3. **Enter direct costs**, using formulas when appropriate
4. Customize the F&A rates and bases to **properly calculate indirect costs**

Use CTRL + Click on row below to jump to that section

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Course Materials

1. Blank **Single Budget Template (Template A)** from <https://docs.or.ucdavis.edu/spo/>
 - You may want to bookmark this link
 - We will be doing in-class exercises to populate this blank template.
 - This is the most commonly used template.
 - We'll go over the other templates towards the end of today's training.
2. [Scenario Budget](#)

General Terms

[SPO Key Terms](#) – Abbreviations and definitions

Direct costs: Expenses that are clearly associated with and necessary to complete a sponsored project.

F&A/Indirect costs: **Facilities & Administrative** costs are associated with the general operation of UC Davis and cannot be readily assigned to individual projects. These costs include:

- Facilities and maintenance
- General and departmental administration
- Clerical and administrative salaries and fringe benefits
- General office supplies
- General purpose equipment
- Routine postage
- Building maintenance and utilities
- Library expenses

F&A Cost Rate: The proportion of indirect costs each program should bear using sound administrative principles. The university commonly uses federally negotiated rates ("NICRA") though rates may vary based on sponsor policy and program guidelines.

F&A Cost Base: The amount of direct costs to which the F&A rate is applied (more on next slide).

MTDC: **Modified Total Direct Costs.** The most commonly used F&A cost base at UC Davis. **Included** in the base (used to determine indirect costs):

- Salaries and wages
- Fringe benefits (i.e., employee benefits)
- Materials
- Supplies
- Services
- Travel
- The first \$25,000 of each subgrant/subcontract

Excluded from the F&A/indirect cost base:

- Equipment
- Capital expenditures
- Charges for patient care
- Student tuition remission
- Rental costs of off-site facilities
- Scholarships and fellowships
- The portion of each subgrant/subcontract in excess of \$25,000

TDC: **Total Direct Costs.** All direct costs are included when determining indirect costs.

TC: **Total Costs**

IRB: **Institutional Review Board.** The committee that reviews and approves research projects that involve **human subjects**.

OR Budget Templates Overview

Budget Template Benefits

Improves Accuracy

- Current Rates and Fees
 - Facilities and Administrative (F&A)
 - Fringe Benefits
 - Single IRB Fees
- Built-in Formulas
- Split Rates
- Data for Sponsor Forms

Can Customize for Your Project

- Appointment Type (9/12, 11/12 or 12/12)
- Escalations
- F&A Rates
- F&A Bases

Budget Template Options

Select the Budget Template for your sponsor or project.

Contact proposals@ucdavis.edu if you need a customized template.

Standard Single Budget

Standard Single Budget (w/ 7 project periods instead of 5)

Cost-Sharing

Proposals with cost-sharing of specific line items

Multi-Budget Project

Proposals with multiple components, such as NIH P and U grants

Sponsor-Specific

Proposals to common sponsors with unique budget rules

Simplified

For custom budgets. Has fewer formulas & dynamic options

File	Description	Last modified
Budget_Sheet_FAQs.pdf	FAQs on budget template use.	July 23 2024 10:12
How to use OR Budget Templates	Video (28 mins)	August 12 2024 10:45
Proposal_Budget_Formulas.pdf	Common formulas used in templates.	October 04 2024 08:50
Effort_Calculator	Tool from Effort Commitment System	April 10 2023 13:38
NEW: UC Non-Research Partnerships	New spreadsheet section: UC Service Agreements/Other Sponsored Activities	February 27 2024 10:55
TemplateA_SingleBudget.xlsx	Single budget template for use as a proposal budgeting tool.	January 10 2025 07:48
TemplateA_SingleBudget_7-Year.xlsx	Single budget template (7-year) for use as a proposal budgeting tool.	January 10 2025 07:18
TemplateB_CostSharing_Budget.xlsx	Cost sharing budget template that sums both requested and cost-shared expenses.	January 10 2025 08:24
TemplateC_MultiBudget.xlsx	Multi-budget template for use with proposal budgets requiring multiple budgets such as NIH P01s and U54s.	January 10 2025 07:50
TemplateD_AB20.xlsx	Budget template for California State Model agreement (AB20) proposals.	January 10 2025 07:27
TemplateE_CIRMBudget.xlsx	Budget template for use with CIRM proposals.	January 10 2025 07:29
TemplateF_USDA_30TFF.xlsx	Budget template that automatically calculates indirect costs for USDA Total Federal Funds (TFF) proposals.	January 10 2025 07:32
New! TemplateG_NIH_T32_Budget.xlsx	Budget template for use with pre- and postdoctoral T32 training proposals submitted to NIH. Subaward tabs can be unhidden if T32 is collaborative.	January 10 2025 07:54
TemplateH_SimplifiedTemplate.xlsx	This simplified spreadsheet is set up to allow you to enter more of your own rates and calculations. It has fewer formulas and dynamic options but can be used for custom budgets or subawardees.	March 09 2022 17:47

Template Layout

Start Date:	10/1/2025	NIH
End Date:	9/30/2030	
Personnel	Salary and Wages Fringe Benefits	
EQUIPMENT		
TRAVEL		
PARTICIPANT/TRAINEE SUPPORT COSTS	Data	
OTHER DIRECT COSTS		
Materials and Supplies		
Publication Costs		
Consultant Services		
Subaward Costs		
UC Service Agreements/Other Sponsored Activities		
GSR Tuition/Fees		
Single IRB Fees		
Primate Center Costs		
Other Expenses		
Indirect Costs		

The template is laid out in a typical manner for a research budget proposal.

A helpful step before populating the template is to **organize budget items** so you know which section is most appropriate for each.

Budget Template Worksheets

Each Budget Template includes several worksheets (accessible from page footer)

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q	R	S	T	U							
1	Start Date:	10/1/2025			NIH	Title:	Malaria Project with UK															Proposal Due Date/Archive: 11/20/2024						
2	End Date:	9/30/2028				PI(s):	L.B. Jeffries															12 Months	12 Months	12 Months	0 Months	0 Months	36 Months	
4	Personnel																Enter effort either in Person Months (top section) or % Time (bottom section)											
5																	Period 1	Period 2	Period 3	Period 4	Period 5	Escalation:	Multi					
6																	Person Months					*						
7	Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:						Per 1	Per 2	Per 3	Per 4	Per 5	Escal	10/1/25-9/30/26	10/1/26-9/30/27	10/1/27-9/30/28	-	-	10/1/25-9/30/28						
8	1	LB Jeffries - PI (SMR)	9/12	SMR	133,620	Months	1.00	1.00	1.00						3%	14,847	15,292	15,751	0	0	45,890							
9	2	Bakshi - Co-PI	11/12	CAL	122,000	Months	0.50	0.50	0.50						4%	5,545	5,767	5,998	0	0	17,310							
23	Personnel by %																% Time or Effort											
24	1	LB Jeffries - PI (AY)	9/12	AY	133,620	%	20.0%	20.0%	20.0%						3%	26,724	27,526	28,351	0	0	82,601							
25	2	Doyle - Postdoc	12/12	CAL	66,737	%	50.0%	50.0%	50.0%						3%	33,369	34,370	35,401	0	0	103,140							
26	3	GSR - TBD	12/12	CAL	80,260	%	62.5%	62.5%	62.5%						3%	50,163	51,667	53,217	0	0	155,047							
53	Total Salaries																130,648	134,622	138,718	0	0	403,988						
54																	FY Split: 9/3 9/3 9/3 0/0 0/0					Escalations to fringe? Yes						
56	Benefits by Person																UCPath CBR Gro					d 2	Period 3	Period 4	Period 5	Total		
57	1	LB Jeffries - PI (SMR)	Faculty Summer														.617	1,713	0	0	4,856							
58	2	Bakshi - Co-PI	Faculty, Acad. MSP, Safety														.510	2,689	0	0	7,540							
72																	Total Benefits					24,843	26,417	28,065	0	0	79,325	
102	Total Personnel																155,491	161,039	166,783	0	0	483,313						
139	OTHER DIRECT COSTS																											
197	Subaward Costs																Type of Subaward					Period 1	Period 2	Period 3	Period 4	Period 5	Total	
198	Stanford University																Non-UC					90,000	90,000	90,000			270,000	
199	Stanford University - F&A																IC of Above					55,800	55,800	55,800			167,400	
225	Total Subaward Costs																145,800	145,800	145,800	0	0	437,400						
226																	Total Subaward Indirect Costs:					55,800	55,800	55,800	\$0	\$0	\$167,400	
242	GSR Tuition/Fees																Esc/Rates					Academic Year Rate Split:						
243																	Available Tuition Months (based on project dates):					9/0	9/0	9/0	0/0	0/0	Total	
244	Name or Notes	Use Buydown	AY	Rates	P1	P2	P3	P4	P5						9/0	9/0	9/0	0/0	0/0									
245	Resident	10%		20,746	#GSRs	#GSRs	#GSRs	#GSRs	#GSRs						29,575	32,532	35,785	0	0	97,892								
246	Resident	10%		20,746											0	0	0	0	0	0								
247	GSR III TBD	Non-Resident	10%	35,848	1		1	1							29,575	32,532	35,785	0	0	97,892								
248	Resident	10%		20,746											0	0	0	0	0	0								
257	Single IRB Fees																# per Period											
258	Site Name or Notes	Recharge Type (Choose)	UC?	\$/per	P1	P2	P3	P4	P5						2,974	1,620	1,620	0	0	6,214								
259	Stanford	On-Boarding- No Agreement	Non-UC	\$2,974	1										2,974	0	0	0	0	2,974								
260	Stanford	Continuing Review	Non-UC	\$1,620		1	1	1							0	1,620	1,620	0	0	3,240								
302	Total Other Direct Costs																178,349	179,952	183,205	0	0	541,506						
303																	Total Direct Cost for NIH Limit (when limit does not include subaward indirect costs)					\$278,040	\$285,191	\$294,188	\$0	\$0	\$857,419	
304	Total Direct Costs																333,840	340,991	349,988	0	0	1,024,819						
305	Indirect Cost Base																Rate Type: On-Campus Research					183,465	162,659	168,403	0	0	514,527	
307	Indirect Costs																111,914	99,222	102,726	0	0	313,862						
308	Total Costs (Direct + Indirect)																\$445,754	\$440,213	\$452,714	\$0	\$0	\$1,338,681						
309																												
	<	>	Request	F&A Details	Personnel Reference																	+	:					

R38

	A	B	C	D	E	F	G
1							
2	Indirect Cost Split for Sponsor	Project Period 1		Project Period 2		Project Period 3	
3	Forms						
4							
5	Request Budget	12/1/22-6/30/23	7/1/23-11/30/23	12/1/23-6/30/24	7/1/24-11/30/24	12/1/24-	11/30/25
6	Base Type: MTDC	59.5%	60.0%	60.0%	61.0%		61.0%
7	Base	243,581	173,986	242,939	173,528		440,277
8	Indirect Costs	144,931	104,391	145,763	105,852		268,569
9							
10	Primate Center Rates:		57.8%		57.8%		57.8%
11	Primate Center Base						
12	Primate Center F&A:						
13	Total Annual Requested Indirect	\$ 249,322		\$ 251,615		\$ 268,569	
14							
15							
16	"F&A Details": Breakdown of F&A rates, bases and costs for each Project Period and the entire project						
17							
18							
19							
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37							

Request **F&A Details** Personnel Reference

"Personnel Reference": Data for sponsor forms, such as **base salary** and effort in both % and person-months format

	A	B	C	D	E	F	G	H	I	J	K	L	M	N	O	P	Q
1	Personnel (For Reference)					Custom Esclations <i>(Choose "Custom" in column O on the "Request" sheet to use these rates)</i>					Base Salary with escalations						
2																	
3	Name/Role:		Personnel Type? (Choose Below)		P1	P2	P3	P4	P5			Period 1	Period 2	Period 3	Period 4	Period 5	
4	1	LB Jeffries - PI (SMR)	Senior/Key		10.0%	10.0%	10.0%	10.0%	10.0%			133,620	137,629	141,757	146,010	150,390	
5	2	Bakshi - Co-PI	Senior/Key		10.0%	10.0%	10.0%	10.0%	10.0%			122,000	126,880	131,955	137,233	142,723	
19	1	LB Jeffries - PI (AY)	Senior/Key									133,620	137,629	141,757	146,010	150,390	
20	2	Doyle - Postdoc	Postdoc									66,737	68,739	70,801	72,925	75,113	
21	3	GSR - TBD	GSR									80,260	82,668	85,148	87,702	90,333	
48																	
49	Grants.gov Other Personnel Composite Categories											Sal					
50												Year 1	Year 2	Year 3			
51	Postdoctoral Associates											26,724		27,526	28,35		
52	Total Graduate Students											33,369		34,370	35,40		
53	Total Undergraduate Students											-		-	-		
54	Total Clerical											-		-	-		
55																	
56	Fringe											Fri					
57												Year 1	Year 2	Year 3			
58	Postdoctoral Associates											11,284		11,981	12,70		
59	Total Graduate Students											8,676		9,211	9,77		
60	Total Undergraduate Students											-		-	-		
61	Total Clerical											-		-	-		
62																	
63	Person Months in Each Category											Person					
64												Year 1	Year 2	Year 3			
65	Postdoctoral Associates											6.00		6.00	6.0		
66	Total Graduate Students											7.50		7.50	7.5		
67	Total Undergraduate Students											-		-	-		
68	Total Clerical											-		-	-		
69																	
70																	
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74																	
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100																	

Request F&A Details **Personnel Reference**

Effectively Using the OR Budget Template



Use Current Version

Download the template for **each project** to ensure current F&A and Fringe Benefit rates



Use as Designed

Populate fields on the left of the spreadsheet to utilize the built-in formulas on the right

Maintain calculation accuracy by not damaging the built-in formulas:

- Copy and paste **values** and **plain text** only
- **Hide and un-hide lines** instead of deleting/adding



Check Calculations

Check the budget calculations for **“red flags”**

If there are errors, look for fields no longer auto-calculating

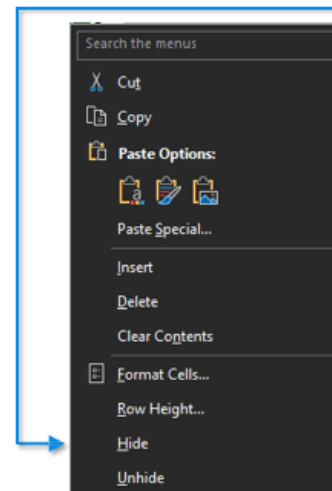
Hiding/Unhiding Rows

To Hide:

1. **Click and hold** a row number on the left then move your cursor over all desired rows to select/highlight them all.

		Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:
8	1		12/12	CAL		Months
9	2		12/12	CAL		Months
10	3		12/12	CAL		Months
11	4		12/12	CAL		Months
12	5		12/12	CAL		Months
13	6		12/12	CAL		Months
14	7		12/12	CAL		Months
15	8		12/12	CAL		Months
23		Personnel by %				

2. **Right click** then select **Hide**.



All selected rows will be hidden

To Unhide:

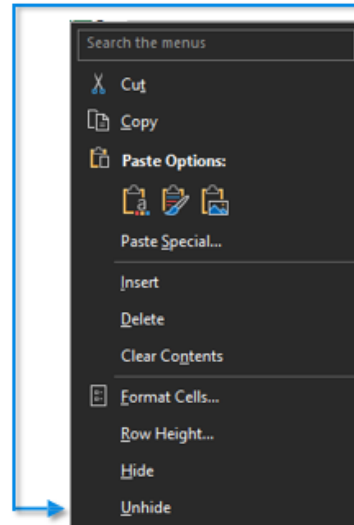
1. Look for gaps in row numbers on the left to spot hidden rows.

13	6		12/12
14	7		12/12
15	8		12/12
23	Personnel by %		

2. Click and hold a row number then move cursor over adjacent row to select/highlight both.

13	6		12/12
14	7		12/12
15	8		12/12
23	Personnel by %		

3. Right click then select Unhide.



All rows between your selected numbers will be revealed

NIH vs. Non-NIH

- Often, NIH does not include subaward F&A (indirect) costs in the direct cost limit.

Start Date:	4/1/2025	NIH
End Date:	3/31/2030	

Selecting NIH at the top of a spreadsheet adds two lines to the document.

- Line 226 is added to the Subawards section: **Total Subaward Indirect Costs.**
 - For each NIH subaward institution, enter two lines.
 - Under **Type of Subaward**, the top line (**UC, Non-UC or Excluded**) is used to indicate direct costs and the line below it indicates indirect costs, indicated as **IC of Above**.
- Line 303: Total Direct Cost for NIH Limit** (when limit does not include subaward indirect costs).
 - Use this figure to determine the total allowable direct costs per NIH policy for subawards.

Subaward Costs	Type of Subaward	Period 1	Period 2	Period 3	Period 4	Period 5	Total
UC San Diego	UC	50,000	50,000	50,000	50,000	50,000	250,000
UC San Diego	IC of Above	30,000	30,000	30,000	30,000	30,000	150,000
Stanford	Non-UC	20,000	20,000	20,000	20,000	20,000	100,000
Stanford	IC of Above	12,000	12,000	12,000	12,000	12,000	60,000
Total Subaward Costs		112,000	112,000	112,000	112,000	112,000	560,000
<i>Total Subaward Indirect Costs:</i>		<i>\$42,000</i>	<i>\$42,000</i>	<i>\$42,000</i>	<i>\$42,000</i>	<i>\$42,000</i>	<i>\$210,000</i>
Total Other Direct Costs		112,000	112,000	112,000	112,000	112,000	560,000
Total Direct Costs	Total Direct Cost for NIH Limit (when limit does not include subaward indirect costs)	\$70,000	\$70,000	\$70,000	\$70,000	\$70,000	\$350,000
Total Direct Costs	Choose Rate Type from Dropdown Below:	112,000	112,000	112,000	112,000	112,000	560,000
Indirect Cost Base	Rate Type: On-Campus Research	25,000	0	0	0	0	25,000
Indirect Costs		15,188	0	0	0	0	15,188
Total Costs (Direct + Indirect)		\$127,188	\$112,000	\$112,000	\$112,000	\$112,000	\$575,188

Template Tips

1. Use white space to document budget details

EQUIPMENT				
Bio-Tek Precision 2000 Automated Pipetting System	\$16,000 + 20% for shipping, handling & sales tax	=16000*1.2		19,200
Total Equipment				19,200
TRAVEL		International?		Period 1
Meeting with collaborators in UK	\$2,500 per trip	2x/year for PI + 1x/year for postdoc	=2500*3	7,500
Scientific conference in D.C.				
				Total Domestic Travel
				0
				Total International Travel
				7,500
Total Travel				7,500

2. Enter formulas

3. Use appropriate Project Periods

- Example: Publication Costs are only needed in Years 2 & 3

Publication Costs	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Publication Costs		800	800			1,600
Total Publication Costs		800	800			1,600

4. Click on red triangles for guidance.

EQUIPMENT				
Bio-Tek Precision 2000 Automated Pipetting System	\$16,000 + 20% for shipping, handling & sales tax			19,200
Total Equipment				19,200
TRAVEL		International?		Period 1
Meeting with collaborators in UK	\$2,500 per trip	2x/year for PI + 1x/year for postdoc	Yes	7,500
Scientific conference in D.C.			No	
				Total Domestic Travel
				0
				Total International Travel
				7,500
Total Travel				7,500

Alyssa Bunn:
Equipment must cost more than \$5,000 per item, be non-expendable and standalone and have a normal use-life of more than 1 year.
 • Is it equipment? eqhelp@ucdavis.edu can help
Software in this category must cost more than \$5,000 per copy

5. Reveal hidden dropdowns by clicking in cells

- International Travel?** Click in cell to pull-up dropdown to indicate **Yes** or **No**

As following these **Template Tips** makes entries straightforward, this training won't have you make entries in the following sections:

- **Equipment**
- **Travel**
- **Participant/Trainee Support Costs**
- **Materials and Supplies**
- **Publication Costs**
- **Consultant Services**
- **UC Service Agreements/Other Sponsored Activities**
- **Primate Center Costs**
- **Other Expenses**

Entering Direct Costs

OR Budget Template Header

Dates entered into the spreadsheet header affect calculations throughout the document.

- In the scenario spreadsheet, Project Period 3 ends early (10/21/28 instead of 10/31/28), and this is reflected in the **3rd Project Period**.

Start Date:	10/31/2025	NIH	Title:	Randomized Cookie Eating Trial	Proposal Due Date/Archive:					4/10/2025
End Date:	10/21/2028		PI(s):	Charlie Apple	12 Months	12 Months	11.7 Months	0 Months	0 Months	35.71 Months

ACTIVITY: OR Budget Template Header

Add the following info to the header of your blank OR Budget Template A:

- Start Date: 4/1/2025
- NIH
- Title: Class Exercise
- Proposal Due Date: 9/15/2024
- End Date: 3/31/2030
- PI(s): Mohandes Singh

Answers:

Start Date:	10/1/2025	NIH	Title:	Class Exercise	Proposal Due Date/Archive:					5/2/2025
End Date:	9/30/2030		PI(s):	Mohandes Singh	12 Months	12 Months	12 Months	12 Months	12 Months	60 Months

Entering Salary and Effort

Depending on how individuals have indicated their effort, add them to the **Personnel** section in either the top **Person-Months** section or the lower **Personnel by %** section.

Personnel					Enter effort either in Person Months (top section) or % Time (bottom section)						
Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months					*	
					Per 1	Per 2	Per 3	Per 4	Per 5	Escal	
1	12/12	CAL		Months							3%
2	12/12	CAL		Months							3%
3	12/12	CAL		Months							3%
4											3%
5											3%
6											3%
7	12/12	CAL		Months							3%
8	12/12	CAL		Months							3%
Personnel by %					% Time or Effort						
1	12/12	CAL		%							3%
2	12/12	CAL		%							3%
3	12/12	CAL		%							3%
4	12/12	CAL		%							3%
5	12/12	CAL		%							3%
6	12/12	CAL		%							3%
7	12/12	CAL		%							3%
8	12/12	CAL		%							3%

It doesn't matter which section they're entered in, though summer salary is best entered as Person-Months.

- When adding a faculty member with a 9/12 or 11/12 month appointment, add them on two rows.
 - This will allow you to select two separate benefits rates in the **Benefits by Person** section.
 - Do not be concerned that their base salary is entered twice.

Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months		
					Per 1	Per 2	Per 3
1 Charlie Apple - SMR	9/12	SMR	174,667	Months	1.00		
2 Thomas Doyle - Post Doc	12/12	CAL	66,737	Months	3.00	3.00	3.00
Personnel by %					% Time or Effort		
1 Charlie Apple - AY	9/12	AY	174,667	%	15.0%	15.0%	15.0%
2 Amie Admin - Proj Sci	12/12	CAL	75,000	%	20.0%	20.0%	20.0%
3 GSR III - TBD	12/12	CAL	80,260	%	62.5%	62.5%	62.5%

Budget Scenario example:

PI Charlie Apple with a 9/12 appt. is committing 15% effort during the Academic Year (AY) and 1 month over the first summer (SMR), therefore:

- SMR is entered in the top **Person-Months** section
- AY is entered under **Personnel by %**

- Be sure to select the appropriate **Appt. Type**, as this will affect all calculations in that row.
- The **Effort Type** is important for reviewers to understand what the entry is for but does not affect calculations.

<u>Appt. Type</u>	<u>Effort Type</u>
9/12: Campus faculty	AY: Academic Year
11/12: Ag Appts	SMR: Summer
12/12: UCDH & Vet Med faculty	CAL: Calendar Year

Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months		
					Per 1	Per 2	Per 3
1 Charlie Apple - SMR	9/12	SMR	174,667	Months	1.00		
2 Thomas Doyle - Post Doc	12/12	CAL	66,737	Months	3.00	3.00	3.00
Personnel by %					% Time or Effort		
1 Charlie Apple - AY	9/12	AY	174,667	%	15.0%	15.0%	15.0%
2 Amie Admin - Proj Sci	12/12	CAL	75,000	%	20.0%	20.0%	20.0%
3 GSR III - TBD	12/12	CAL	80,260	%	62.5%	62.5%	62.5%

Budget Scenario example:

PI Charlie Apple with a 9/12 appt. is committing 15% effort during the Academic Year (AY) and 1 month over the first summer (SMR).

- While it's best to **enter effort as a simple figure**, in some circumstances entering a **formula** may be necessary.
 - Entering a formula rather than deriving the figure outside of the spreadsheet and then adding it in can help those reviewing your budget understand how you derived a figure.

Budget Scenario example:

- The GSR III will work 50% time during the Academic Year and then full-time over the summer.
- As GSR appointments are 12/12 calendar year appointments, do not break the entry into two separate rows. Instead, use a formula:
 - Formula: $= (9 * 0.5 + 3) / 12$ – this indicates 9 months at 50% (or 0.5) plus 3 months at 100%

- [Proposal Budget Formulas](#) (linked on the **OR Budget Templates** page) may be helpful.

Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months		
					Per 1	Per 2	Per 3
1 Charlie Apple - SMR	9/12	SMR	174,667	Months	1.00		
2 Thomas Doyle - Post Doc	12/12	CAL	66,737	Months	3.00	3.00	3.00
Personnel by %					% Time or Effort		
1 Charlie Apple - AY	9/12	AY	174,667	%	15.0%	15.0%	15.0%
2 Amie Admin - Proj Sci	12/12	CAL	75,000	%	20.0%	20.0%	20.0%
3 GSR III - TBD	12/12	CAL	80,260	%	62.5%	62.5%	62.5%

$=(9*0.5+3)/12$

ACTIVITY: Enter Salary and Effort

In your blank template, practice entering salary and effort for the following personnel:

- PI Mohandes Singh has an **11/12** month appointment and a base salary of \$181,224. For this 5-year project, he will commit **20% over the AY** and **50% over one summer month**.
- Associate Professor Youa Thao has a **9/12** month appointment and a base salary of \$168,000. For the **1st 2 years** of the 5-year project, she will commit **15% over the AY** and **½ of 1 summer month**. For **Years 3-5** of the project, she will commit **25% over the AY** and **50% over the summer**.

Answers:

Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months					*
					Per 1	Per 2	Per 3	Per 4	Per 5	Escal
1 Mohandes Singh (PI) - SMR	11/12	SMR	181,224	Months	0.50	0.50	0.50	0.50	0.50	3%
2 Youa Thao - SMR	9/12	SMR	168,000	Months	0.50	0.50	1.50	1.50	1.50	3%
Personnel by %					% Time or Effort					
1 Mohandes Singh (PI) - AY	11/12	AY	181,224	%	20.0%	20.0%	20.0%	20.0%	20.0%	3%
2 Youa Thao - AY	9/12	AY	168,000	%	15.0%	15.0%	25.0%	25.0%	25.0%	3%

Note: Later, we'll discuss tuition/fees for a GSR III. Normally we would add that GSR III's salary and effort here in the Personnel section, but for this class we'll skip this step.

Salary Escalations

There are 3 ways to adjust escalations:

1. The default setting (**Multi** in cell U4) allows you to **change escalations by individual**. Adjust each individual's escalation by row using the dropdown in column O.

Enter effort either in Person Months (top section) or % Time (bottom section)						Escalation:					Multi
						Period 1	Period 2	Period 3	Period 4	Period 5	Total
Person Months						10/31/25-10/30/26	10/31/26-10/30/27	10/31/27-10/21/28	.	.	10/31/25-10/21/28
Per 1	Per 2	Per 3	Per 4	Per 5	Escal						
1.00					3%	19,407	0	0	0	0	19,407
3.00	3.00	3.00			3%	16,684	17,185	17,700	0	0	51,569
% Time or Effort											
15.0%	15.0%	15.0%			Custom	26,200	26,986	27,101	0	0	80,287
20.0%	20.0%	20.0%			0%	15,000	15,450	15,516	0	0	45,966
62.5%	62.5%	62.5%			1%	50,163	51,667	51,887	0	0	153,717
					2%	127,454	111,288	112,204	0	0	350,946
					3%						
					4%						
					5%						
					6%						
					7%						
					8%						
					9%						
					10%						
					Escalations to fringe?						Yes
						Period 1	Period 2	Period 3	Period 4	Period 5	Total
						2,038	0	0	0	0	2,038

2. To escalate all salaries by the same rate, select the rate in the cell U4 dropdown.

Enter effort either in Person Months (top section) or % Time (bottom section)						Escalation:					4%
						Period 1	Period 2	Period 3	Period 4	Period 5	
Person Months						10/31/25-10/30/26	10/31/26-10/30/27	10/31/27-10/21/28	.	.	
Per 1	Per 2	Per 3	Per 4	Per 5	Escal						
1.00						19,407	0	0	0	0	
3.00	3.00	3.00				16,684	17,352	18,046	0	0	
% Time or Effort											
15.0%	15.0%	15.0%				26,200	27,248	27,630	0	0	
20.0%	20.0%	20.0%				15,000	15,600	15,818	0	0	

The escalation rates will disappear from column O.

3. To customize escalations for each year of the project, select **Custom** from the column O dropdown.

Then go to the **Personnel Reference** tab (at bottom of template) and enter the customized rates there in columns F-J.

Enter effort either in Person Months (top section) or % Time (bottom section)						Escalation:					Multi
						Period 1	Period 2	Period 3	Period 4	Period 5	Total
Person Months						10/31/25-10/30/26	10/31/26-10/30/27	10/31/27-10/21/28	.	.	10/31/25-10/21/28
Per 1	Per 2	Per 3	Per 4	Per 5	Escal						
3%						19,407	0	0	0	0	19,407
					Custom	17,185	18,731	19,481	0	0	55,397

Personnel (For Reference)						F	G	H	I	J
	Name/Role:	Personnel Type? (Choose Below)				P1	P2	P3	P4	P5
1										
2										
3										
4	1	Charlie Apple - SMR	Senior/Key							
5	2	Thomas Doyle - Post Doc	Postdoc			3.0%	9.0%	4.0%		

Custom Escalations
(Choose "Custom" in column O on the "Request" sheet to use these rates)

If a PI wants/you want to apply a salary escalation to the 1st year of a project, you have two options:

1. Increase the **Base Salary** to include the escalation.
2. Use the **Custom** salary escalation for that individual's row and add the escalation % to Project Period 1 (P1).

Project Scenario example:

Professor Apple is paid \$171,242 per year and will receive a 2% merit increase **before** the project start date.

Option 1: (This option included in scenario)

Include the 2% merit increase in his base salary.

$$\text{Current Salary} = \$171,242 \times (1 + \text{Increase} = 1.02) = \$174,667$$

Name/Role:	Appt. Type	Effort Type	Base Salary
1 Charlie Apple - SMR	9/12	SMR	=171242*1.02

Option 2:

Add the 2% merit increase as an escalation to P1.

Name/Role:	Escal	Custom Escalations				
1 Charlie Apple - SMR	Custom	* Choose "Custom" in column O on the request sheet to use these rates)				
		P1	P2	P3	P4	P5
		2.0%	3.0%	3.0%		

Note: A feature has been removed from the spreadsheet. There used to be a toggle between Fiscal Year (FY) and Project Year (PY) that affected whether escalations were applied to the 1st project period.

ACTIVITY: Escalate Salary

In your blank template, make the following change to escalations:

- Due to upcoming merits and promotions, Dr. Thao's salary will escalate as follows:
 - Yr 1: 5% Yr 2: 8% Yr 3: 10% Yrs 4 & 5 will escalate at the standard 3% rate.

Answers:

Personnel	Name/Role:	Escalation:					Multi	Custom Escalations		
		Period 1	Period 2	Period 3	Period 4	Period 5	Total			
		10/1/25-9/30/26	10/1/26-9/30/27	10/1/27-9/30/28	10/1/28-9/30/29	10/1/29-9/30/30	10/1/25-9/30/30			
1	Mohandes Singh (PI) - SMR	3%	8,237	8,485	8,739	9,001	9,271	43,733		
2	Youa Thao - SMR	Custom	9,800	10,584	34,927	35,975	37,054	128,340		
Personnel by %										
1	Mohandes Singh (PI) - AY	3%	36,245	37,332	38,452	39,606	40,794	192,429		
2	Youa Thao - AY	Custom	26,460	28,577	52,391	53,963	55,581	216,972		
3	GSR III - TBD (not entered here)	2%	0	0	0	0	0	0		
Total Salaries			80,742	84,978	134,509	138,545	142,700	581,474		
	Name/Role:	Personnel Type? (Choose Below)				P1	P2	P3	P4	P5
1	Mohandes Singh (PI) - SMR	Senior/Key								
2	Youa Thao - SMR	Senior/Key				5.0%	8.0%	10.0%	3.0%	3.0%
1	Mohandes Singh (PI) - AY	Senior/Key								
2	Youa Thao - AY	Senior/Key				5.0%	8.0%	10.0%	3.0%	3.0%
3	GSR III - TBD (not entered here)	GSR								

ACTIVITY: Hide/Unhide Rows

At this point, practice hiding rows to make the spreadsheet more manageable. Also practice unhiding rows.

Personnel					Enter effort either in Person Months (top section) or % Time (bottom section)						Escalation:					Multi	
Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:	Person Months					*	Period 1	Period 2	Period 3	Period 4	Period 5	Total	
					Per 1	Per 2	Per 3	Per 4	Per 5	Escal	10/1/25-9/30/26	10/1/26-9/30/27	10/1/27-9/30/28	10/1/28-9/30/29	10/1/29-9/30/30	10/1/25-9/30/30	
1 Mohandes Singh (PI) - SMR	11/12	SMR	181,224	Months	0.50	0.50	0.50	0.50	0.50	3%	8,237	8,485	8,739	9,001	9,271	43,733	
2 Youa Thao - SMR	9/12	SMR	168,000	Months	0.50	0.50	1.50	1.50	1.50	Custom	9,800	10,584	34,927	35,975	37,054	128,340	
Reminder, to hide rows:											3%	0	0	0	0	0	0
1. Click and hold to highlight row numbers to hide											3%	0	0	0	0	0	0
2. Right-click											3%	0	0	0	0	0	0
3. Select Hide											3%	0	0	0	0	0	0
Personnel by %											3%	0	0	0	0	0	0
% Time or Effort											3%	0	0	0	0	0	0
1 Mohandes Singh (PI) - AY	11/12	AY	181,224	%	20.0%	20.0%	20.0%	20.0%	20.0%	3%	36,245	37,332	38,452	39,606	40,794	192,429	
2 Youa Thao - AY	9/12	AY	168,000	%	15.0%	15.0%	25.0%	25.0%	25.0%	Custom	26,460	28,577	52,391	53,963	55,581	216,972	
3 GSR III - TBD (not entered here)	12/12	CAL		%						2%	0	0	0	0	0	0	
4	12/12	CAL		%						2%	0	0	0	0	0	0	
5	12/12	CAL		%						2%	0	0	0	0	0	0	
6	12/12	CAL		%						3%	0	0	0	0	0	0	
7	12/12	CAL		%						3%	0	0	0	0	0	0	
8	12/12	CAL		%						3%	0	0	0	0	0	0	
9	12/12	CAL		%						3%	0	0	0	0	0	0	
Reminder, to unhide rows:											3%	0	0	0	0	0	0
1. Click and hold to highlight row numbers above and below hidden section.											3%	0	0	0	0	0	0
2. Right-click											3%	0	0	0	0	0	0
3. Select Unhide											3%	0	0	0	0	0	0
Note: The OR Budget Templates start with rows already hidden in case more are needed.											3%	0	0	0	0	0	0
												80,742	84,978	134,509	138,545	142,700	581,474

Fringe Benefits

The **Benefits by Person** section is continually updated with the latest UC Davis [Composite Benefit Rates \(CBR\)](#).

UCDAVIS

Composite Fringe Benefit Rates

UCPath CBR Rates

Full Benefit Eligibility	FY 24-25 UCPath Rates
HCOMP Faculty, School of Medicine Physicians and Senior Management	26.9%
Nurses and Non-SOM Physicians	35.1%
Faculty, Other Academic Appointments, MSP, Fire and Police	40.7%
All Other Staff	51.4%
Service Staff	58.6%
Non-Full Benefit Eligibility	
Postdoc Employees	25.0%
Faculty Summer Salaries	9.9%
Grad & Undergrad Students	1.9%
Employees with Limited Benefit Eligibility	11.3%
Employees with no Benefit Eligibility	4.1%

HCOMP = UCD Health faculty

Nurses, Nurse Practitioners and Clinical Physicians

Non-SOM faculty; OAA includes project scientists and specialists; MSP includes directors

Includes analysts, staff research associates (SRAs), programmers

e.g., janitors

e.g., FTE % is too low

e.g., not eligible based on appointment type

ACTIVITY: Fringe Benefits

Select the appropriate **UCPath CBR Groups** for Singh and Thao.

Answers:

These indicate **split rate** calculations since each **Project Year** spans two **Fiscal Years**.

- i.e., **3 mos.** at fiscal rate 1; **9 mos.** at fiscal rate 2.
- If only 1 rate is shown (as for **Faculty Summer** rates below) only one rate applies. No split rate.

		<i>FY Split:</i>	9/3	9/3	9/3	9/3	9/3
<i>Benefits by Person</i>	<i>UCPath CBR Group</i>	%	%	%	%	%	%
1 Mohandes Singh (PI) - SMR	Faculty Summer	10.5	10.8	11.1	11.4	11.7	
2 Youa Thao - SMR	Faculty Summer	10.5	10.8	11.1	11.4	11.7	
1 Mohandes Singh (PI) - AY	Faculty, Acad, MSP, Safety	41.9/43.2	43.2/44.5	44.5/45.8	45.8/47.2	47.2/48.6	
2 Youa Thao - AY	Faculty, Acad, MSP, Safety	41.9/43.2	43.2/44.5	44.5/45.8	45.8/47.2	47.2/48.6	

Should you escalate fringe rates?

Escalations to fringe?

Yes

- Generally, **Yes**.
- But you can also choose **NICRA** to use UC Davis's (lower and non-escalating) Negotiated Indirect Cost Rate Agreement rates, or escalate **Period 1 Only**.

Yes
Period 1 Only
NICRA

Equipment (and Capital Assets)

Items entered in the **Equipment** section are **not subject to F&A costs**, so ensure entries are actual equipment (or other capital assets).

<i>EQUIPMENT</i>						Total
Software		7,000				7,000
Total Equipment	0	7,000	0	0	0	7,000

Equipment

Must cost **more than \$5,000**, be **non-expendable**, be **standalone**, **moveable**, and have a normal **use-life of more than 1 year**.

- Is it equipment? eghelp@ucdavis.edu can help.

Software

Must cost **more than \$5,000** per copy with normal **use-life of more than 1 year**.

- Software annual license fees and maintenance costs are treated as **Materials and Supplies** and are subject to F&A.

Renovations/Facility Improvements

Must cost **more than \$35,000**.

Travel

The **Travel** section is straightforward.

- Use the white space to provide details
- Click **No** and use the drop-down that appears to change it to **Yes** if the expense is **International**.

TRAVEL	International?	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Annual in-person collaborative meetings in Copenhagen - Airfare	No	1,968	1,968	1,968	1,968	1,968	9,840
Hotel	Yes	800	800	800	800	800	4,000
Ground transportation	No	70	70	70	70	70	350
Per diem	Yes	146	146	146	146	146	730
Annual conference in Atlanta - Airfare	No	900	900	900	900	900	4,500
Hotel	No	300	300	300	300	300	1,500
Ground transportation	No	60	60	60	60	60	300
Per diem	No	79	79	79	79	79	395
Total Domestic Travel		1,339	1,339	1,339	1,339	1,339	6,695
Total International Travel		2,984	2,984	2,984	2,984	2,984	14,920
Total Travel		4,323	4,323	4,323	4,323	4,323	21,615

Participant/Trainee Support Costs

PARTICIPANT/TRAINEE SUPPORT COSTS	
Trainee Tuition/Fees/Health Insurance:	
Stipends:	
Travel:	
Subsistence:	
Other:	
Other:	
Total Participant Support Costs	

Under **Other** you might add event **registration fees**.

Anything entered in this section is **excluded from the MTDC base** (for indirect costs).

- NIH & HRSA sometimes have non-traditional instructions for **Participant Costs that include F&A**. In these circumstances, either re-purpose another section that is included in the MTDC base (like **Consultants** – e.g., rename section header to **NIH Participant Costs with F&A**) or enter the items (with descriptions) under **Other Expenses**.

This category is used by some federal sponsors, such as the **NSF**, for payments made on behalf of project participants.

- Participants receive services or training from a workshop, conference, seminar, symposium, or other short-term instructional or information-sharing activity funded by a sponsored award.

Participants **do not perform work on the project or provide services** other than for their own benefit.

The following **cannot be participants**:

- UC Davis employees
- Students or project staff who receive compensation for work performed directly or indirectly from the grant
- Research subjects receiving incentive payments
- Federal employees
- Paid speakers, advisory board members, mentors or other invitees providing a service.

Not Participant/Trainee Support Costs:

- Supplies
- Facility rental
- Other costs that support the training program

Other Direct Costs

The following sections are straightforward. Just enter the information:

140 **Materials and Supplies**

177 **Publication Costs**

184 **Consultant Services**

- A **consultant** is an individual with professional or technical expertise, not a company.
- Selected consultants are not to be current employees of the University of California.
- There are also restrictions on the **amount of time that must pass** before a former UC employee can be hired as a consultant.

When completing the OR Budget Template, remember to:

- Use **white space** to document budget details
- Use appropriate **Project Periods**

<i>Materials and Supplies</i>	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Laboratory supplies	1,500	1,500	1,500			4,500
Computer for lab Year 1 only	3,000					3,000
Malaria Year 1 only	2,000					2,000
Cattle supplies	3,000	2,000	5,000			10,000
Total Materials and Supplies	9,500	3,500	6,500	0	0	19,500

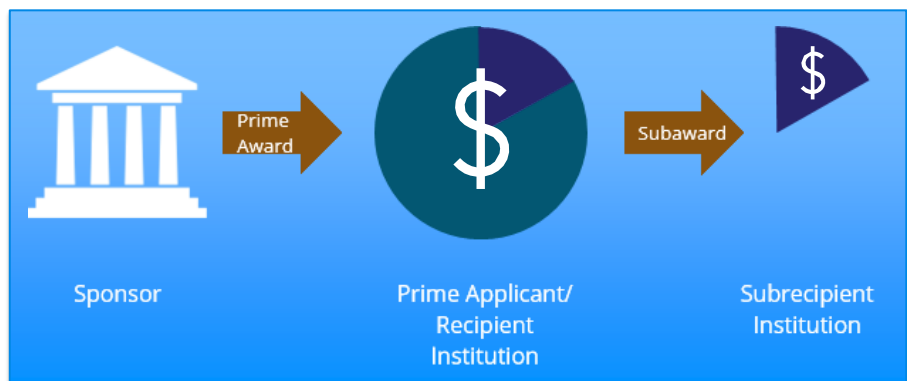
Subaward Costs

Be aware:

- Not every funding sent from UC Davis to another institution for collaborative work on a research project is a subaward.

Subaward: An agreement to send funding received by one institution (Prime Recipient) to another (Subrecipient) **to perform a scope of work related to a sponsored research project.**

- Subrecipients must follow Prime Award terms.



More guidance to help determine whether it's a subaward or not is found on SPO's [Outgoing Subawards](#) page

ACTIVITY: Subaward Costs

Add the following to your spreadsheet:

- In Years 2-5: annual subaward to Brandeis University for \$80,000 Total Costs (\$50,000 Direct and \$30,000 Indirect)

Answers:

<i>Subaward Costs</i>	Type of Subaward	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Brandeis University	Non-UC		50,000	50,000	50,000	50,000	200,000
Brandeis University - indirect costs	IC of Above		30,000	30,000	30,000	30,000	120,000
Total Subaward Costs		0	80,000	80,000	80,000	80,000	320,000
	<i>Total Subaward Indirect Costs:</i>	<i>\$0</i>	<i>\$30,000</i>	<i>\$30,000</i>	<i>\$30,000</i>	<i>\$30,000</i>	<i>\$120,000</i>

If needed, consult the scenario budget to remind yourself how to enter direct and indirect subaward costs. This was covered earlier in the NIH/Non-NIH section.

UC Service Agreements/Other Sponsored Activities

Used for projects with **non-research UC Partnerships**.

86	<i>UC Service Agreements/Other Sponsored Activities</i>	Direct/Indirect	Period 1	Period 2	Period 3	Period 4	Period 5	Total
87	UC Santa Cruz Direct	UC Direct Costs	50,000	50,000	50,000	50,000	50,000	250,000
88	UC Santa Cruz Indirect	IC of Above	25,000	25,000	25,000	25,000	25,000	125,000
89		UC Direct Costs						0
90		IC of Above						0
91		UC Direct Costs						0
92		IC of Above						0
97	Total UC Service Agreements/Other Sponsored Activities		75,000	75,000	75,000	75,000	75,000	375,000
98		<i>Total Indirect Costs for other UC Partners</i>	<i>\$25,000</i>	<i>\$25,000</i>	<i>\$25,000</i>	<i>\$25,000</i>	<i>\$25,000</i>	<i>\$125,000</i>

All costs in this section will be excluded from UC Davis' MTDC indirect cost base.

- The indirect costs listed in this section will factor into any TFF (Total Federal Funds) budget calculations and will be treated as indirect costs for the purposes of any direct cost limits.

See [Non-Research UC Partnerships](#) for more info.

GSR (Graduate Student Researcher) Tuition/Fees

There are a range of variables you can modify in this section:

GSR Tuition/Fees		Esc/Rates		P1	P2	P3	P4	P5
Available Tuition Months (based on project dates):				9	9	9	0	0
Name or Notes	Use Buydown	AY	Rates	#GSRs	#GSRs	#GSRs	#GSRs	#GSRs
GSR III - TBD	Use Buydown	10%	37,689	1	1	1	1	1
	Use Full Rates	10%	22,587					
	Non-Resident	10%	37,689					
	Resident							
	Non-Resident							

- Use Buydown.** Click this text (in cell D244) and a drop-down appears. Only other option: **Use Full Rates**.
 - Under the [GSR Buydown program](#), the **campus pays 25% of the required fees and tuition for a GSR** paid with extramural funds.
 - Only the 75% balance is charged to the extramural contract or grant.
- Resident vs. Non-Resident.**
 - Click **Resident** or **Non-Resident** for a drop-down to change from one to the other. The **Rates** will auto-update.

GSR Tuition/Fees

GSR Tuition/Fees		Esc/Rates		P1	P2	P3	P4	P5
Available Tuition Months (based on project dates):				9	9	9	0	0
Name or Notes	Use Buydown	AY	Rates	#GSRs	#GSRs	#GSRs	#GSRs	#GSRs
GSR III - TBD	Non-Resident	AY	37,689	1	#GSRs	1	1	1
	Resident	PY	22,587		QRTs			
	Non-Resident	10%	37,689					

- **AY.** Click **AY** (Academic Year; in cell H244) and a drop-down appears. Only other option: **PY** (Project Year).
 - **PY** will apply escalations to the first Project Period (P1). **AY** applies them starting with P2.
- **AY** column. A typical **escalation rate of 10%** is provided by default.
 - Click and use the drop-down to change to a rate between 0 and 10%.
- **Rates.** The latest GSR tuition rates are included but can be manually revised to match actual budget requirements.
- **#GSRs.** Click this text in cells K244:O244 and a drop-down appears. Only other option: **QRTs** (Quarters)
 - **#GSRs:** Indicate number of GSRs per Project Period. Decimal figures are acceptable.
 - **QRTs:** Indicate number of quarters per Project Period a GSR (or GSRs) will work.

ACTIVITY: GSR Tuition/Fees

Let's assume a GSR III was added to the **Personnel** section of the spreadsheet you're populating. Now let's add tuition and fees:

- The GSR III will be changed each year of the project.
 - Note: 1 GSR = 3 quarters because there's no tuition in summer, the 4th quarter.
 - The **buydown** should be used.
 - Escalate the fees by **8%**.
 - A **Resident** rate of **\$22,587** should be used.
 - If this amount doesn't match the rate indicated, update the figure.

There are (at least) two different ways to enter this information.

GSR Tuition/Fees		Esc/Rates		P1	P2	P3	P4	P5
Available Tuition Months (based on project dates):				9	9	9	9	9
Name or Notes	Use Buydown	AY	Rates	#GSRs	#GSRs	#GSRs	#GSRs	#GSRs
GSR III	Resident	8%	22,587	1	1	1	1	1

Or...

GSR Tuition/Fees		Esc/Rates		P1	P2	P3	P4	P5
Available Tuition Months (based on project dates):				9	9	9	9	9
Name or Notes	Use Buydown	AY	Rates	QRTs	QRTs	QRTs	QRTs	QRTs
GSR III	Resident	8%	22,587	3	3	3	3	3

Single IRB Fees

Add Single IRB Fees to the budget **only when UC Davis's IRB is the office responsible** for overseeing all sites participating in a multi-site study.

- UC Davis cannot make another organization include our fees in their budget, so we include them in ours.
- If UC Davis relies on another IRB (e.g., we are a subaward), no fees are incurred.

Single IRB Fees				# per Period				
Site Name or Notes	Recharge Type (Choose:)	UC?	\$/per	P1	P2	P3	P4	P5
	On-Boarding- No Agreement	Non-UC	\$2,974					
	Continuing Review	Non-UC	\$1,620					
	Continuing Review	UC	\$1,211					
	On-Boarding- No Agreement	Non-UC	\$2,974					
	On-Boarding - Agreement							
	Continuing Review							

Variables you can modify in this section:

- **Recharge Type.** Options:
 - On-Boarding - No Agreement (usually the 1st year only)
 - On-Boarding - Agreement (usually the 1st year only)
 - Continuing Review (usually subsequent years)
- **UC?** Options:
 - Non-UC
 - UC

The [IRB fees calculator](#) confirms total required fees based on project circumstances.

ACTIVITY: Single IRB Fees

Enter Single IRB Fees in your spreadsheet for this scenario: Brandeis is relying on UC Davis's IRB.

- At this stage of the proposal, no IRB agreement is yet in place.
- The IRB reliance will continue for all 5 years of the project.

Answers:

Single IRB Fees				# per Period				
Site Name or Notes	Recharge Type (Choose:)	UC?	\$/per	P1	P2	P3	P4	P5
UCD Fees: Brandeis reliance	On-Boarding- No Agreement	Non-UC	\$2,974	1				
UCD Fees: Brandeis reliance	Continuing Review	Non-UC	\$1,620		1	1	1	1

Primate Center Costs & Other Expenses

Under [Primate Center Costs](#), you can select whether the type of costs are **Federal** or **Non-Federal**.

Primate Center Costs	Type: Federal
	Federal
	Non-Federal

Under **Other Expenses**, you can select whether an entry is **Subject to IDC Calc (MTDC)**.

Other Expenses	Subject to IDC Calc (MTDC)?
	Yes
	Yes
	No

- In other words, is the item you entered subject to indirect costs?
 - Recall that items excluded from MTDC are listed at the start of this presentation under **General Items**.

ACTIVITY: Other Expenses

Either from memory, or by referencing what is excluded from MTDC at the [link](#) added in the chat (text at bottom of webpage), identify **which of the following items should not be subject to IDC Calc (MTDC)**:

1. Facility improvement in a UC Davis lab that supports the project.
2. A lease for an off-site facility in which the project will take place.
3. A post-doc fellowship

Answers:

1. Not subject to IDC calculations so long as the cost is over \$35,000
2. Not subject to IDC calculations
3. Not subject to IDC calculations

Calculating F&A (Indirect) Costs

Indirect Cost Base & Indirect Costs

- Option 1** Use the Built-in F&A Rate. Base will be MTDC.
- Choose the **Rate Type**

Total Direct Costs	Choose Rate Type from Dropdown Below:
Indirect Cost Base	Rate Type: On-Campus Research
Indirect Costs	<div style="border: 1px solid #ccc; padding: 2px;"> <ul style="list-style-type: none"> On-Campus Research Off-Campus Research On-Campus Other Sponsored Activities Off-Campus Other Sponsored Activities Instruction Other: (Enter Info Below) </div>
Total Costs (Direct + Indirect)	

On-Campus vs. Off-Campus

- To qualify for the application of off-campus F&A rates, a project must be primarily (more than 50%) conducted off-campus and generally have a reasonable amount of lease costs...
- A field activity component of an overall project, regardless of the portion of work conducted in the field, does not qualify for off-campus rates.
- Work performed by subawardees or subcontractors does not factor into the off-campus classification. The classification is only based on where UC Davis' scope of work is performed.

Other Sponsored Activities

- Projects funded by sponsors that involve the performance of work other than sponsored Research or sponsored Instruction.
- Examples:
 - Public service
 - Equipment purchase
 - Infrastructure/Capital Improvement

Indirect Cost Base & Indirect Costs

- Option 2** Manually enter F&A Rate and Base. Sometimes a sponsor will specify an F&A rate/base.
- Rate Type:** Select **Other (Enter Info Below)**. Hidden fields will be revealed.
 - Select a Standard Base: **MTDC, TDC or TC**
 - Enter the **F&A Rate**

304 Total Direct Costs	Choose Rate Type from Dropdown Below:		
305 Indirect Cost Base	Rate Type: Other: (Enter Info Below)		
307 Indirect Costs	Base Type:	TDC	Rate (%): 30.0%
308 Total Costs (Direct + Indirect)			

For Option 3 (on next slide), unhide hidden line 306.

Option 3

Customize the F&A Rate and Base even further. For example, a sponsor may specify that indirect costs can only be applied to certain categories.

1. **Rate Type:** Same as Option 2, select **Other (Enter Info Below)**
2. **Base Type:** Select **CUSTOM**
 - a. Text appears in unhidden row 306: **“Create a Custom base formula:”**
 - b. Determine the custom base. In this example, cell P103 is the **Personnel Total** only for PY1.
3. Enter the **F&A Rate**
 - a. This rate will be applied to the base specified in row 306.

304	Total Direct Costs	Choose Rate Type from Dropdown Below:		129,470
305	Indirect Cost Base	Rate Type: Other: (Enter Info Below)		0
306	Custom Indirect Cost Base		Create a Custom base formula: =P103	
307	Indirect Costs	Base Type: CUSTOM	Rate (%): 9.0%	9,779
308	Total Costs (Direct + Indirect)			\$139,249

ACTIVITY: Indirect Cost Base & Indirect Costs

Enter indirect costs for this scenario:

- The sponsor has previously established an indirect cost rate exception with the University of California. The rate is 25% of personnel and subaward costs only for on-campus research.

Total Direct Costs	Choose Rate Type from Dropdown Below:		
Indirect Cost Base	Rate Type: Other: (Enter Info Below)		
Custom Indirect Cost Base		Create a Custom base formula:	
Indirect Costs	Base Type: CUSTOM	Rate (%): 25.0%	
Total Costs (Direct + Indirect)			

	130,382	217,103	283,036	291,521	300,458	1,222,500
	0	0	0	0	0	0
	=P103+P225	195,724	260,076	266,854	273,947	1,105,714
	27,278	48,931	65,019	66,714	68,487	276,429
	\$157,660	\$266,034	\$348,055	\$358,235	\$368,945	\$1,498,929

The formula shown includes the **Total Personnel (P103)** + the **Total Subawards Costs (P225)** for the 1st Project Period.

- This formula was then copied to the other 4 Project Periods.
 - Figures on your spreadsheet may differ from those shown.

Other Budget Templates

The Cost Sharing Budget Template (Template B)

For each line item, you have the option to select whether it's a:

- **Request:** Part of the budget request to the sponsor
- **Cost Share:** An item being paid by UC Davis

Start Date:	10/1/2025	<i>Non-NIH</i>	Title:	
End Date:	9/30/2030		PI(s):	
Personnel				
Choose:	Name/Role:	Appt. Type	Effort Type	Base Salary
Request		12/12	CAL	
Request	2	12/12	CAL	
Cost Share	3	12/12	CAL	
Request	4	12/12	CAL	
Request	5	12/12	CAL	
Request	6	12/12	CAL	
Request	7	12/12	CAL	
Request	8	12/12	CAL	

To accommodate additional cost-share entries, the spreadsheet has many more line items in each section.

Also, section totals are Broken down into both **Requested** and **Cost-Shared Totals.**

<i>Total Domestic Travel</i>
<i>Total International Travel</i>
<i>Total Travel</i>
Total Requested Domestic Travel
Total Requested International Travel
Total Cost-shared Domestic Travel
Total Cost-shared International Travel

For Indirect Costs, separately select the appropriate **Rate Type** for both Requested and Cost-Shared Costs.

Additionally, for Cost-Shared costs, indicate (Yes/No) whether there are **Unrecovered Indirect Costs on Request.**

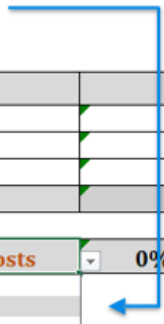
Budget Requested from the Sponsor			
Total Direct Costs	Choose Rate Type from Dropdown Below:		0
<i>Indirect Cost Base</i>	Rate Type: On-Campus Research		0
<i>Indirect Costs</i>			0
Total Costs (Direct + Indirect)			\$0
Cost-Shared Budget Total			
Total Direct Costs	Choose Rate Type from Dropdown Below:		0
<i>Indirect Cost Base</i>	Rate Type: On-Campus Research		0
<i>Indirect Costs</i>			0
Unrecovered Indirect Costs on Request:	Yes	Project Type: On-Campus Research	0
Total Costs (Direct + Indirect)	No		\$0

Unrecovered indirect costs means the difference between the amount charged to the Federal award and the amount that could have been charged to the Federal award under UC Davis's approved negotiated indirect cost rate.

Unrecovered indirect costs, including indirect costs on cost sharing or matching **may be included as part of cost sharing or matching only with the prior approval of the Federal awarding agency.**

At bottom, you can revise the percentage of cost sharing indicated.

Default is **Total Project Costs**, though you can change it to either **Total Request** or **Total Requested Direct**



Total Project Costs	0
<i>Indirect Cost Base</i>	0
Indirect Costs	0
<i>Unrecovered Indirect Costs on Request</i>	0
Total Costs (Direct + Indirect)	\$0

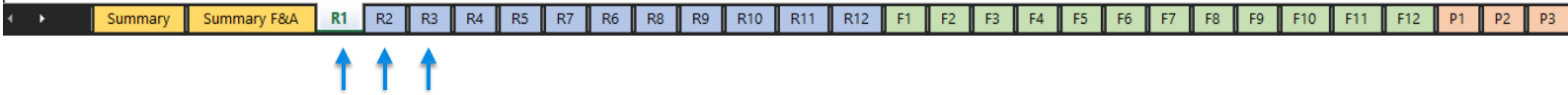
Percent Cost Sharing:	Total Project Costs	0%
	Total Request	
	Total Project Costs	
	Total Requested Direct	

The Multi-Budget Template (Template C)

While each **Request** spreadsheet (R1, R2, R3, etc.) looks identical to a Single Budget Template (Template A), there are many of them you can complete at the bottom of the screen.

As you complete these spreadsheets, the amber-colored **Summary** and **Summary F&A** tabs will auto-populate.

Total Direct Costs	Choose Rate Type from Dropdown Below:					0	0	0	0	0	0
<i>Indirect Cost Base</i>	Rate Type: On-Campus Research					0	0	0	0	0	0
Indirect Costs						0	0	0	0	0	0
Total Costs (Direct + Indirect)						\$0	\$0	\$0	\$0	\$0	\$0



- R1, R2, R3, etc.** Request spreadsheets
- F1, F2, F3, etc.** F&A Details for relevant spreadsheet
- P1, P2, P3, etc.** Personnel Reference for relevant spreadsheet

Note: You can **rename** each tab or **hide** ones that are not being used.

The AB20 Template (Template D)

As defined in Assembly Bill 20 (AB20), the **California Model Agreement** provides contract terms for use by State of California agencies that fund research, training or service activities performed by UC and CSU campuses.

The Request spreadsheet is identical to the Single Budget template (Template A) except for Indirect Cost **Rate Type** you can select **AB20 State Rate**.

Total Other Direct Costs	AB20 State Rate
Total Direct Costs	On-Campus Research
<i>Indirect Cost Base</i>	Off-Campus Research
Indirect Costs	On-Campus Other Sponsored Activities
Total Costs (Direct + Indirect)	Off-Campus Other Sponsored Activities
	Instruction
	Other: (Enter info Below)
	Rate Type: AB20 State Rate

* Note that state indirect cost rates are determined by start date and are static throughout the project.

Note additional tab for AB20 documents:

- **Exhibit B** (Composite Budget Estimate): This document is **auto-populated** from the Request spreadsheet.

The CIRM Template (Template E)

Used for proposals to the **California Institute for Regenerative Medicine (CIRM)**, California’s stem cell agency.

The Request spreadsheet is identical to the Single Budget template (Template A) except for **Indirect Costs**. As shown here, the **rates are pre-selected**:

	Period1	Period 2	Period 3	Adjusted Project Costs:	
	Period4	Period 5			
CIRM Rate A	20.5 %	20.5 %	20.5 %	20.5 %	20.5 %
Operation/Maintenance Expenses	18.2 %	18.2 %	18.2 %	18.2 %	18.2 %
Library Expenses	2.3 %	2.3 %	2.3 %	2.3 %	2.3 %
CIRM Rate B(1)	14.5 %	14.5 %	14.5 %	14.5 %	14.5 %
Rate for Depreciation or Use Allowances	10.4 %	10.4 %	10.4 %	10.4 %	10.4 %
Rate for Interest on Capital Debt	4.1 %	4.1 %	4.1 %	4.1 %	4.1 %
Base for Rate C	APC+A&B	APC+A&B	APC+A&B	APC+A&B	APC+A&B
CIRM Rate C	20%	20%	20%	20%	20%
Total Costs (Direct + Indirect)					

**CIRM only allows facilities rate per category per award. The rate in effect at time of submission applies to the entire project.*

The USDA Template (Template F)

This budget template automatically calculates indirect costs for US Department of Agriculture (USDA) **Total Federal Funds (TFF)** proposals.

The Request spreadsheet is identical to the Single Budget template (Template A) except for **Indirect Costs**, which **will show a base of either MTDC or TFF depending on the applicable rate**. The template makes this determination for you.

- Without the template, you would have to manually determine the appropriate IDC amount, which is the lesser of:
 1. The sum of UCD’s NICRA and the indirect cost rate charged by sub-awardees, if any; or
 2. 30 percent of TFFA ([More details](#))

Choose Project Activity Type from Dropdown Below:			Total Direct Costs	0	
Project Type:	On-Campus Research	Total Federal Funds (TFF) Rate:	30%	Indirect Cost Base:	0
				Indirect Costs:	0
Total Costs (Direct + Indirect)					\$0

**Indirect cost base will show either as MTDC or TFF depending on the applicable rate.

The **Maximum Allowable Indirect Costs (Read Only)** tab auto-populates based on the entries in the Request spreadsheet.

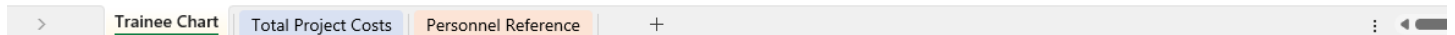
The NIH T32 Template (Template G)

This budget template has a **Trainee Chart** tab (at bottom) designed to enter details for predoctoral and postdoctoral trainees.

UC Davis T32 Costs													
Predoctoral Trainees	Enter # per Year					\$/Trainee	Escal	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Stipends						\$28,224	0%	0	0	0	0	0	0
Training Related Expenses	0	0	0	0	0	\$4,750	0%	0	0	0	0	0	0
Travel						\$750	0%	0	0	0	0	0	0
Resident Fees						\$15,140	3%	0	0	0	0	0	0
Non-Resident Fees						\$30,242	3%	0	0	0	0	0	0
Total Tuition and Fees								\$0	\$0	\$0	\$0	\$0	0
Predoctoral Total:								\$0	\$0	\$0	\$0	\$0	0
Postdoctoral Trainees	Enter # Per year					\$/Trainee	Escal	Period 1	Period 2	Period 3	Period 4	Period 5	Total
Stipends													
Level 0						\$61,008	0%	0	0	0	0	0	0
Level 1						\$61,428	0%	0	0	0	0	0	0
Level 2						\$61,884	0%	0	0	0	0	0	0
Level 3						\$64,356	0%	0	0	0	0	0	0
Level 4						\$66,492	0%	0	0	0	0	0	0
Level 5						\$68,964	0%	0	0	0	0	0	0
Level 6						\$71,532	0%	0	0	0	0	0	0
Level 7+						\$74,088	0%	0	0	0	0	0	0
Training Related Expenses	0	0	0	0	0	\$12,400	0%	0	0	0	0	0	0
Travel						\$1,000	0%	0	0	0	0	0	0
Tuition and Fees	Fill in \$ amount per year:												0
Postdoctoral Total:								0	0	0	0	0	0
Total Direct Costs								-	-	-	-	-	-
Direct Costs for the NIH Limit:								-	-	-	-	-	-
Indirect Cost Base								0	0	0	0	0	0
Indirect Costs								8%	0	0	0	0	0
Total Project Costs								\$0	\$0	\$0	\$0	\$0	\$0

Please see link for NRSA Rates: <https://grants.nih.gov/grants/guide/notice-files/NOT-OD-24-104.html>

*If project has subawards, rows 27&28 can be unhidden and subaward sheets can be unhidden. Email proposals@ucdavis.edu for assistance as needed.



The budget spreadsheet (**Total Project Costs** tab at bottom) indicates which expenses will be paid by UC Davis and which can be included as part of the T32 request to NIH.

Personnel					
	Name/Role:	Appt. Type	Effort Type	Base Salary	Months or %:
UCDavis	1	12/12	CAL		Months
UCDavis	2	12/12	CAL		Months
UCDavis	3	12/12	CAL		Months
UCDavis	4	12/12	CAL		Months
UCDavis	5	12/12	CAL		Months
Personnel by %					
UCDavis	1	12/12	CAL		%
UCDavis	2	12/12	CAL		%
UCDavis	3	12/12	CAL		%
UCDavis	4	12/12	CAL		%
UCDavis	5	12/12	CAL		%
Benefits by Person					
			FY Split:		
			UCPath CBR Group		
UCDavis	1	-	Choose		
UCDavis	2	-	Choose		
UCDavis	3	-	Choose		
UCDavis	4	-	Choose		
UCDavis	5	-	Choose		
UCDavis	1	-	Choose		
UCDavis	2	-	Choose		
UCDavis	3	-	Choose		
UCDavis	4	-	Choose		
UCDavis	5	-	Choose		
Total Personnel Costs					

Institutional Support for Training Program	
UCDavis	Predoctoral Stipends
UCDavis	Postdoctoral Stipends
UCDavis	Trainee Related Expenses
UCDavis	Travel
UCDavis	Predoctoral Tuition (Difference between 60% and 100%)
UCDavis	
UCDavis	
UCDavis	
UCDavis	
UCDavis	
UCDavis	
Trainee Costs Summary	
Requested from NIH	
Request	Predoctoral Stipends
Request	Postdoctoral Stipends
Request	Trainee Related Expenses
Request	Travel
Request	Tuition
Request	Consortium Costs (if applicable)

The Simplified Template (Template H)

Template H, with fewer formulas and dynamic options, should only be used in special situations.

- For most proposals, SPO requires use of a template with pre-determined rates.

Template H might be used if:

- A project has multiple subawards and the PI/Dept Admin wants to create a separate budget for each.
 - If desired, these budgets can then be copied-and-pasted as tabs to the project's Template A.
- The sponsor only allows a specific fringe rate or otherwise won't accommodate our rates.
 - Another option is to email proposals@ucdavis.edu to customize fringe for a specific sponsor, so template A can be used.
- A PI/Dept Admin wants to send the budget format to a subrecipient to show how a completed budget should look.

This Simplified Template has **no dedicated sections for:**

- Participant/Trainee Support Costs
- GSR Tuition/Fees
- Single IRB Fees

- Primate Center Costs

Start Date:	4/1/2022	Non-NIH	Title:	
End Date:	3/31/2027		PI(s):	

NIH is not an option.

Fringe Benefit Split:		3	9	3	9	3	9	3	9	3	9
Benefits by Person		Period 1		Period 2		Period 3		Period 4		Period 5	
1	-										
2	-										
3	-										
Total Benefits											
Total Personnel											

No auto-population by selecting UCPATH CBR Group

Total Direct Costs	Choose Rate Type from Dropdown Below:					Indirect Base 1:
	P1	P2	P3	P4	P5	Indirect Base 2:
Indirect Rate 1:	61.0%	61.0%	61.0%	61.0%	61.0%	
Indirect Rate 2:	61.0%	61.0%	61.0%	61.0%	61.0%	Type: MTDC
Total Costs (Direct + Indirect)						MTDC TC TDC

Use the rates indicated here as a guide to manually enter indirect costs (at right) for each project period.

Resources

Contact Us

Let us know how we did: https://ucdavis.co1.qualtrics.com/jfe/form/SV_0CniURTRL5UYek6

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Common Acronyms

- **AMRC:** Anatomic Materials Review Committee
- **BAA:** Broad Agency Announcement
- **BUA:** Biological Use Approval
- **CGA:** Contracts and Grants Accounting
- **COI:** Conflict of Interest
- **eRA:** Electronic Research Administration
- **F&A:** Facilities & Administrative rates, aka indirect cost rates
- **FOA:** Funding Opportunity Announcement
- **IACUC:** Institutional Animal Care and Use Committee
- **ICR:** Indirect Cost Rate
- **IDC:** Indirect Costs
- **IPF:** Internal Processing Form (Cayuse SP “proposal”)
- **IP:** Intellectual Property
- **IRB:** Institutional Review Board (Human Subjects)
- **PHS:** Public Health Service
- **PI:** Principal Investigator
- **RCR:** Responsible Conduct of Research
- **RECO:** Research Ethics and Compliance Office
- **RFA:** Request for Applications
- **RFP:** Request for Proposals
- **RPPR:** Research Performance Progress Reports
- **SBIR:** Small Business Innovation Research
- **SPO:** Sponsored Programs Office
- **STTR:** Small Business Technology Transfer

SPO Contacts & Links

- Proposals: proposals@ucdavis.edu
- Awards: awards@ucdavis.edu
- Subawards: subawards@ucdavis.edu
- Closeouts: closeouts@ucdavis.edu
- eRA Help: SPOeRAhelp@ucdavis.edu
- Cayuse Help Desk: ORCayuseHelp@ucdavis.edu
- Training: SPOTraining@ucdavis.edu
- Negotiations: OR-SPO-Negotiation-Team@ad3.ucdavis.edu
- [SPO Contact Us webpage](#)
- [Sponsored Programs Office \(SPO\)](#)
- [SPO Proposal and Award Learning Resources](#)

SPO Office Hours & Training Opportunities

SPO Office Hours: Bring your questions and join our knowledgeable staff for guidance and training on preparing and submitting proposals for extramural funding.

- Drop in via Zoom the 1st Thursday of each month between 10 and 11am
<https://ucdavis.zoom.us/j/96045587567?pwd=MnVMTXN5SDRuM0RITzIKUjNmdjl5Zz09>

All SPO training opportunities at <https://research.ucdavis.edu/research-support/proposals/spo-proposal/spo-training/training-opps/>

Research Administration Forum

Forum for department research administrators to:

Hear updates

Sponsored Programs Office (SPO)
Contracts and Grants Accounting (CGA)
Research Ethics and Compliance Office (RECO)

Ask questions

IRB Administration
IACUC
Technology Transfer

Provide feedback

Join via [Zoom](#)

4th Wednesday of each month (Jan – Oct)

8:30 am

Access videos of previous forums and related materials on the [Forum](#) webpage

Office of Research Listservs

Contracts & Grants (OVCR-cg) listserv

- The primary mechanism for informing the campus community of the latest research administration news.
- Click this [link](#) to subscribe (UC Davis emails)

SPO Cayuse info listserv

- Cayuse SP and 424 info and announcements, as well as training opportunities from the Sponsored Programs office.
- Click this [link](#) to subscribe (UC Davis emails)

[Other Office of Research Listservs](#)

UC Learning Center classes

SPO offers classes individually or as a series:

- [Research Administration Certificate Series \(RACS\)](#)
- [eRA Train the Trainer Certificate Series](#)
- [Individual classes](#) (under “Grants and Sponsored Programs”)

Thank you!

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