### CFS Data Warehouse Training: Manage My Budget

Presented by University Budget Office

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# Purpose

• To guide users on best practices for running a standard report using the "Manage My Budget as of Period" tab in the Financial Reporting Dashboard of CFS Data Warehouse

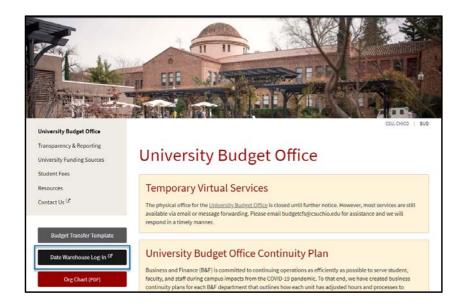
SU The California State University Business Intelligence / Data Warehouse

**Financial Reporting** 

Home Manage My Budget as of Period Financial Summary As of Period Financial Summary Between Periods Financial Summary by Year Trial Balance Inception to Date Reports Cash Fund Balance Performance Report As of Period

# Logging into Data Warehouse

- Visit the University Budget Office's website at <u>www.csuchico.edu/bud</u>
- Click on the "Date Warehouse Log-In" Button
- Once you're on the CSYOU page click on the "CFS Data Warehouse" Button
- You'll then use your Chico State credentials to log-in



CSYOU	Search this site	Q *
	IVISION & PROJECTS & COLLABORATE POLICIES FORMS NEWS & RGANIZATIONS INITIATIVES COLLABORATE POLICIES FORMS INFORMATION	
IOME DIVISIONS & ORGANIZATIONS	5 > BUSINESS & FINANCE > INFORMATION TECHNOLOGY SERVICES > BUSINESS INTELLIGENCE / DATA WAREHOUSE	}
CFS DATA WAREHOUSE		
Business Intelligence / Data Warehouse	CFS Data Warehouse Quick Link	S
CFS Data Warehouse CHRS Data Warehouse	Check the Message Board regularly for current CFS DW news (located in Quick Links section).	Warehouse
CSU Data Lake Data Validation Resources	The CFS Data Warehouse (also referred to as the Finance Data Warehouse) contains reporting capabilities that provide campuses with a set of interactive dashboards containing common, core reporting capabilities required by campuses and the Chancellor's Office.	ation
CalStateTech Calendar CO IT Support Center	The following dashboards are available in the CFS Data Warehouse. Depending on your campus configuration, you will have access to all or some of the following dashboards: Non-Production	1
Collaboration Identity & Access	Financial Reporting     Browser Certifie     Transaction Inquiry	<u>cation</u>

# Setting Defaults

### **Date Warehouse Home Page**

CSU The California State University Business Intelligence / Data Warehouse Home	
<text></text>	CSU       The California State         Business Intelligence / Da         Financial Reporting         Transaction Inquiry
The Data Warehouse is current as of: 14-OCT-19 02:00 AM	

#### **Dashboards**

- **Financial Reporting** is the dashboard for running Account Balance reports
- **Transaction Inquiry** is the dashboard for Transactional reports
- This power point focuses on running a report within the "Financial Reporting" dashboard
- Click on "Financial Reporting"

### Setting default

Financ	ial Reporting				Ho	ne D	ashboards 🔻	Open 🔻	Signed In As	Joyner,Rebecca
Home	Manage My Budget as of Period	Financial Summary As of Period	Financial Summary Between Peric	ods Financial Summary by Yea	r Trial Balance Inception to Date Rep	orts Ca	ash Fund Bal	lance Perfor	nance Report As o	f Peric»
Dela		Select primary business CHICO - Califor V	s unit for campus level reporting	Select primary budget ledger Select Value ▼	Select original budget scenario only Select Value ▼	Apply	Reset <b>v</b>	Export 1		Þ
			** All report P	rompts/Filters are Fdescr (Field	+ Description) **					
220	ort Index								aved Customizatio urrent Customizatio	

- **Primary Business Unit -** Chico
- **Primary Budget ledger –** Budgets
- Select the setting wheel in the top right corner
- Click on **Save Current Customization**

# Setting default

#### How To:

- Name Default
- Check the "Make this my default for this page
- Click ok

### Example

Save Cu	urrent Customization	0	×
Name			٦
Save for	• • Me		
	Others Set Permissions		
	Make this my default for this page		
	ок	Cano	cel

# Helpful Hints for Selecting Filters

#### Example: "As of Period"

#### Financial Reporting

Home Manage My Budget as of Period Financial Summary As of Period Financial Summary Between Periods

**Business Unit Fiscal Year** As of Period Account Type CHICO - Califor -2019 50 - Revenues: Fund Dept Project 8 Х --Select Value --Select Value-- 9 NOT Fund NOT Dept ID T Account 10 NOT --Select Value-- NOT --Select Va IT --Select Value-- ▼ 11 🖋 12 Dept Tree Name Dept Level 1 Dept Level 3 --Select Value-- --Select Value-- --Select Value Search.

#### How To:

Report selections can be set using the drop-down arrow and select the value from the list provided

Common Examples:

- Fund
- As of Period
- Account Type
- Dept Tree Name
- Not Acct Cat

# Helpful Hints for Advance Filter Search

#### How To:

- Some filters have many values to scroll through in the list provided
- Instead, hit the More/Search...

#### **Example: "Dept"**

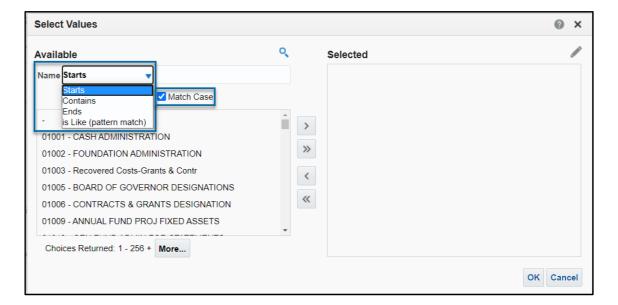
inanc	ial Reporting					
Home	Manage My Budget as of Period	Financial Sur	mmary As of Period	Financial Summa	ary Between Periods	Fina
⊿ Re	eport Filters					
	Busi	ness Unit	Fiscal Year	As of Period	Account Type	Ac
	CHI	CO - Califor 🔻	2019	12 🔻	50 - Revenues; 🔻	
	Fund	1	Dept			
	Х	•	Select Value			▼
	NOT	Fund	-			Î
	NOT	Select Value	01001 - CAS	HADMINISTRATI	ON	IC
	Dept	Tree Name	🗌 01002 - FOU	INDATION ADMIN	ISTRATION	
		elect Value	🗌 01003 - Reco	overed Costs-Gran	its & Contr	
			🗌 01005 - BOA		OR DESIGNATIONS	Ē
			01006 - CON	ITRACTS & GRAN	ITS DESIGNATION	-
			More/Search			p

# Helpful Hints for Advance Filter Search

#### How to:

- After hitting "More/Search..." a new box will pop up
- If **Match Case** is checked then you'll want to pay attention to when a letter is capitalized or not
- By unchecking **Match Case**, you will not have to worry about capitalizing when searching by description
- Name can also be changed from Starts to Contains for different searching needs

#### Example

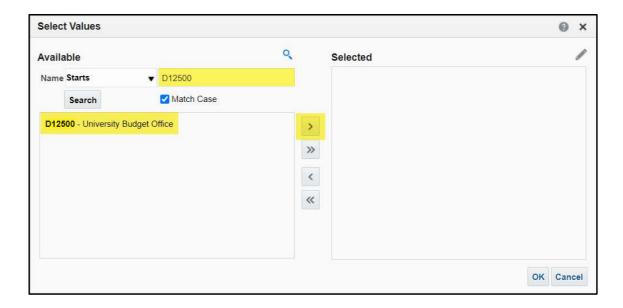


# Helpful Hints for Advance Filter Search

#### How To:

- Enter your DeptID and hit enter
- Select your DeptID from the list that populates
- Hit the arrow button to move your DeptID to the right-side box

### Example: "Dept"



• These are the basic filters that you'll want to include when running a standard report

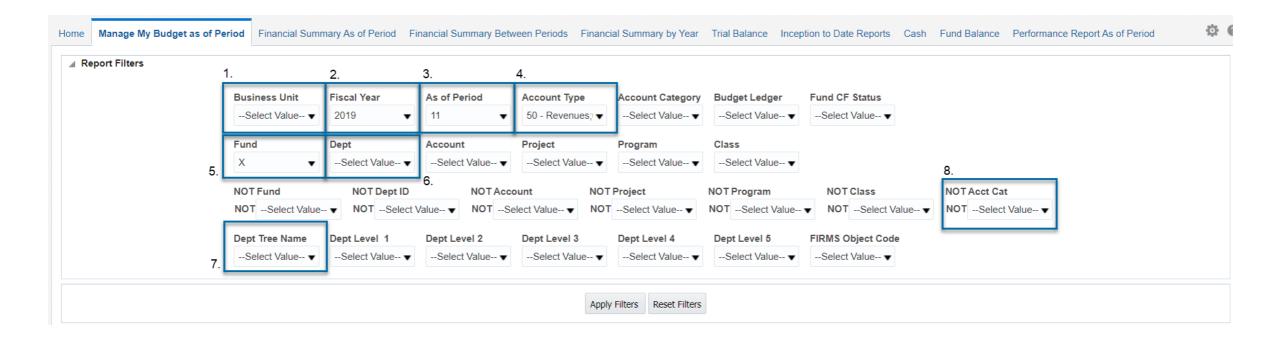
t Filters	1		2.	3.	4.	_				
	1	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
		Select Value 🔻	2019 🔻	11 🔻	50 - Revenues; ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻		
	ľ	Fund	Dept	Account	Project	Program	Class			
	5.	х 🗸	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
		NOT Fund	NOT Dept ID	6. NOT Acco	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
		NOTSelect Value-	▼ NOTSelect	/alue ▼ NOTSe	elect Value   NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
	1	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
	7.	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		

1. Business Unit – Select "CHICO – California State Univ, Chico"

> This should already be populated but be sure to double check

ort Filters	1.	2.	3.	4.	_				
	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
	Select Value ▼	2019 🔻	11 🔻	50 - Revenues; v ▼	Select Value ▼	Select Value 🔻	Select Value 🔻		
	Fund	Dept	Account	Project	Program	Class			
5	х 🗸	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
-	NOT Fund	NOT Dept ID	6. NOT Acco	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
	NOTSelect Value-	- VOTSelect	Value ▼ NOTSe	elect Value   NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
7	Select Value ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		

### 2. Fiscal Year – Select "2019" for fiscal year 2019-2020



### **3.** As of Period – Select "12" to view all posted months

Selecting period 12 is enabling your customization to be a current to date report anytime you run it, you can however choose whichever period you would like to limit the report to.

eport Filters	1	1.	2.	3.	4.	_				
	- [	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
		Select Value 🔻	2019 🔻	11 🔻	50 - Revenues; 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		
	Ì	Fund	Dept	Account	Project	Program	Class			
	5.	x •	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
	U. L	NOT Fund	NOT Dept ID	6. NOT Acc	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
		NOTSelect Value-	VOTSelect	/alue 🔻 NOTSe	elect Value 🔻 NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
		Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
	7.	Select Value ▼	Select Value 🔻	Select Value 🔻	Select Value ▼	Select Value ▼	Select Value 🔻	Select Value 🔻		

# 4. Account Type – Select "50 – Revenues and 60 - Expenditures" ➢ These should already be populated but be sure to double check

Filters	1.	2.	3.	4.	_				
	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
	Select Value 🔻	2019 🔻	11 🔻	50 - Revenues; ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻		
	Fund	Dept	Account	Project	Program	Class			
Ę	× •	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
	NOT Fund	NOT Dept ID	6. NOT Acc	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
	NOTSelect Value	e  VOTSelect	Value  Value	elect Value 🔻 NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
-	7Select Value ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		

5. Fund – There is an X that always populates here, make sure that X is unchecked to view all funds; or select More/Search for a specific fund

t Filters	1.	2.	3.	4.	_				
	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
	Select Value 🔻	2019 🔻	11 👻	50 - Revenues; 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		
	Fund	Dept	Account	Project	Program	Class			
5	х т	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
-	NOT Fund	NOT Dept ID	6. NOT Acc	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
	NOTSelect Value-		Value 🔻 NOTSe	elect Value   NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value	
	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
7	Select Value ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		

# 6. Dept – Recommended to click "More/Search…" to find Dept ID ➢ Or you can use the Dept Level filters to select a range of Dept IDs by level

Filters	1.	2.	3.	4.	_				
	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
	Select Value 🔻	2019 🔻	11 🔻	50 - Revenues; 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		
	Fund	Dept	Account	Project	Program	Class			
5	х <b>т</b>	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value 🔻		8.	
·	NOT Fund	NOT Dept ID	6. NOT Acco	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
	NOTSelect Value	VOTSelect	value ▼ NOTSe	elect Value   NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
7	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value	Select Value 🔻	Select Value 🔻	Select Value		

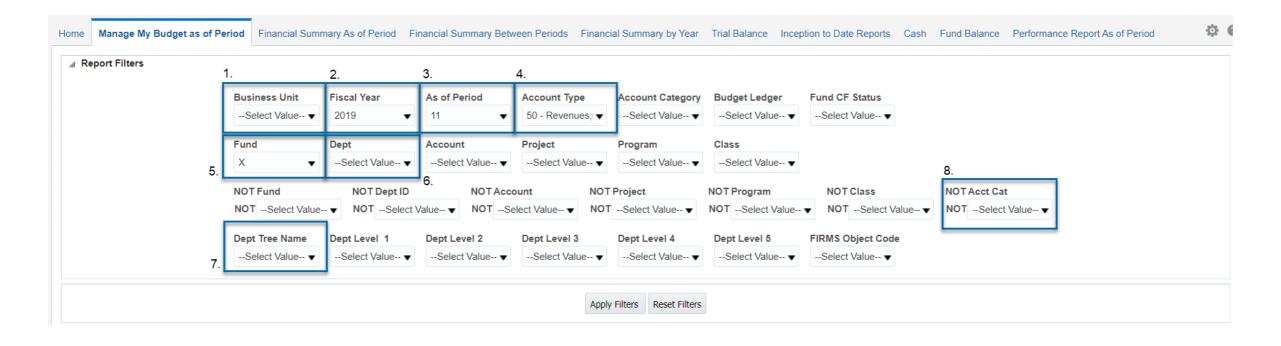
6. Dept – Type in your DeptIDs; once the DeptID populates the left box be sure to move over to the right box and click ok

Select Values		@ ×	Select Values	@ ×
Available	Selected	/	Available	Selected
Name Starts			Name Starts v D12500	D12500 - University Budget Office
Search ✓ Match Case			Search 🗹 Match Case	
D12500 - University Budget Office	>		>	
	»		→ »	
	<		<	
	«		*	
		OK Cancel		OK Cancel

7. Dept Tree Name – Select "CHI\_RPTG\_SECURITY"

ort Filters	1.	2.	3.	4.	_				
	Business Unit	Fiscal Year	As of Period	Account Type	Account Category	Budget Ledger	Fund CF Status		
	Select Value 🔻	2019 🔻	11 🔻	50 - Revenues; ▼	Select Value ▼	Select Value 🔻	Select Value 🔻		
	Fund	Dept	Account	Project	Program	Class			
į	5. × •	Select Value ▼	Select Value ▼	Select Value 🔻	Select Value ▼	Select Value 🔻		8.	
	NOT Fund	NOT Dept ID	6. NOT Acc	ount NOT	Project	NOT Program	NOT Class	NOT Acct Cat	
	NOTSelect Value	e  VOTSelect	Value <b>v</b> NOTSe	elect Value 🔻 NOT	Select Value 🔻	NOTSelect Value	▼ NOTSelect Value ▼	NOTSelect Value 🔻	
	Dept Tree Name	Dept Level 1	Dept Level 2	Dept Level 3	Dept Level 4	Dept Level 5	FIRMS Object Code		
	7Select Value ▼	Select Value 🔻	Select Value 🔻	Select Value 🔻	Select Value ▼	Select Value 🔻	Select Value 🔻		

### 8. NOT Acct Cat – Select "603" to not view Benefits



# **Changing Column Headers**

Show Column 1: Fund Fdescr	▼ Column 2:	Dept Fdescr	Column 3:	Prog Fdescr 🗸	Column 4:	Account Fde	scr 🔻	Column 5:	Hide	Column 6: Hide	▼ОК
			Select I	Report View: Summarize	ed		•				
Fund Fdescr	Dept Fdescr	<b>*</b>	Prog Fdescr	Account Fdescr		Cu	rrent Bud	get Actua	Is Encumbrance	s Balance Available	% Used Fiscal Year

- The most likely scenario where the header columns need to be changed is when a unit is wanting to view program codes
- The column headers default to most departments' basic needs, but they can be changed to show the information in different way

# **Changing Column Headers**

- Click on the drop-down arrow
- Select from the list
- Click OK

Column 3: Account Fdescr  Column 4: Select Report View: Summarized	Hide Hide Bus Unit Fund Fdescr	Column 5:	Hide	▼ Column 6: Hi	de v ok	Show Column 1: Fund Fdescr	•	Account Fdescr Select R <sub>Hide</sub> Bus Unit	Column 4: I	Hide	•
Account Fdescr	Fund CF Status Dept Fdescr	tuals	Encumbrances	Balance Available	% Used Fiscal Year	Fund Fdescr	Dept Fdescr	Fund Fdescr Accou	<b>*</b>	Current Budget	Act
e 601201 - Management And Supervisory	Account Fdescr	8,181.22	0.00	42,446.78	82%	G1006 - CSU OPERATING FUND	D12500 - University Budget Office	e 60120 Dept Fdescr Acct Cat Fdescr	ipervisory	230,628.00	188
	Acct Type Fdescr	8,430.00	0.00	33,686.00	83%			60130(Acct Type Fdescr	s	202,116.00	168
601D01 - Electronic Devices - MPP	Project Fdescr Program Fdescr	795.00	0.00	0.00	100%			601D0 Project Fdescr Prog Edescr	MPP	795.00	)
601S05 - CSEA Salary Stipend	Class Fdescr	4,215.00	0.00	1,686.00	71%			601S0 Class Edescr	9	5,901.00	) 4
604090 - Other Communications	Scenario Fdescr Dept Tree Name	8.00	0.00	(8.00)				604090 Dept Tree Name	ns		
606001 - Travel-In State	Dept Level 1 Fdescr Dept Level 2 Fdescr	1,392.18	0.00	3,507.82	28%			60600 Dept Level 1 Fdescr		4,900.00	1 1
606002 - Travel-Out Of State	Dept Level 3 Fdescr	0.00	0.00	0.00				Dept Level 2 Fdescr 606002Dept Level 3 Fdescr		0.00	1
616N01 - NonCap IT Hardware	Dept Level 4 Fdescr Dept Level 5 Fdescr	1,426.89	0.00	73.11	95%			616N0 Dept Level 4 Fdescr Dept Level 5 Fdescr	е	1,500.00	) 1
616S02 - Software Maintenance Agrmts	FIRMS Object Code	9,500.00	0.00	0.00	100%			616S0 FIRMS Object Code	ce Agrmts	39,500.00	39

# Subtotaling Columns

- If you're sticking to the default column headers the report should be displaying the desired totals
- If you add program code, you'll want to adjust what columns are totaling and which are not

### Subtotaling Columns

#### How To:

- Right click on the header you want to subtotal
- Select Show Subtotal
- Select After Values

### **Additional Note:**

• You can also remove a column's subtotaling by selecting "None"

#### Example

Account Fdescr	Current Bug	daet	Actuals	Encu
601201 - Manageme	†↓ Sort Column	▶)0	188,181.22	
601300 - Support Sta	Keep Only	▶)0	168,430.00	
601D01 - Electronic	Remove	▶10	795.00	
601S05 - CSEA Sala	Show Subtotal	) b	None	
604090 - Other Com		· _	None	_
606001 - Travel-In S	Show Row level Grand Total		After Values	
606002 - Travel-Out	Show Column level Grand Total	•	Before Value	s
616N01 - NonCap IT	Exclude column		At the Beginr	ning
616S02 - Software N	Include column	►	At the End	
660001 - Postage Ar	Move Column	10	2.50	
660002 Printing		,	206 00	

## Saving Customization

#### Why

• This saves times and allows for you to not have to reset your filters every time you want to run the same report

#### How To:

- Click on the settings wheel on the top right corner of the screen
- Select Save Current Customization

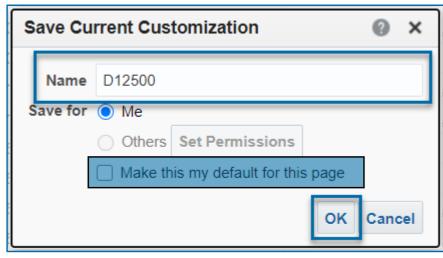
#### Example

Dashboards	Open ▼ Signed In As Joyner,Ret	ecca 🔻
ash Fund Balance	e Performance Report As of Period	<b>\$</b> 0
	🕒 Print	
Balance Available	% U	
42,446.78	ex Export to Excer	
33,686.00	Refresh	
0.00	Create Prompted Link	
1,686.00	Apply Saved Customization	•
(8.00)		- 1
3,507.82	Save Current Customization	
0.00	Edit Saved Customizations	
73.11	Clear My Customization	
	ash         Fund Balance           Balance Available         42,446.78           42,446.78         33,686.00           0.00         1,686.00           (8.00)         3,507.82           0.00         0.00	ash       Fund Balance       Performance Report As of Period         Balance Available       % U       Print         42,446.78        Export to Excel         33,686.00        Refresh         0.00       Create Prompted Link         1,686.00       Save Current Customization         3,507.82       Edit Saved Customizations         0.00       Create M: Output for the customization         0.00       Save Current Customization

### Saving Customization

### **How To: Save Customization**

- Name you customization
- Hit OK
- If you check the make this my default for this page, then this report will automatically run when you click into the Manage My Budget tab



### **How To: Apply Customization**

• Using the same setting wheel, you can now apply your saved customization

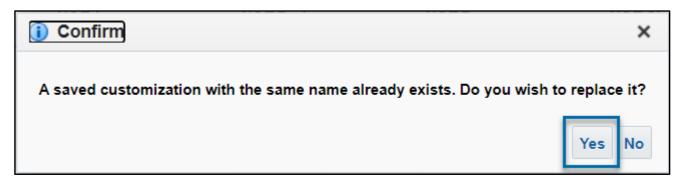
nd Balanc	e P	erformance Report As of Period	Ф
Available	% U	📮 Print	►
2,446.78	% U	Export to Excel	►
33,686.00		🚱 Refresh	
0.00		Create Prompted Link	
D12	500	Apply Saved Customization	•
3,507.82		Save Current Customization	
0.00		Edit Saved Customizations	
73.11		Clear My Customization	

## Update a Saved Customization

#### How To:

- First apply your saved customization by clicking on the setting wheel and selecting "Apply Saved Customization"
- Apply the adjustments to your filters or column headers that you wish to update
- Go through the same steps as before to save a customization
- Use the **exact same name** you used on your previous customization and replace the previous copy

Save Cu	rrent Customization	@ ×
Name	D12500	
Save for	Me	
	Others Set Permissio	ons
	Make this my default for	r this page
		OK Cancel



# Thank You

Please email <u>budgetcfs@csuchico.edu</u> to schedule a one-on-one training