

## FTE Enhancement Estimator with examples

Note - this worksheet provides a close estimate of funds needed for FTE enhancement.  
Actuals will be calculated in PeopleSoft as payroll is entered.

Complete only the yellow fields - field A10 is required

### General FTE enhancement and compensation calculator overview

Annual Salary 1 Sept 2020 @0.9 FTE	Benefits cost on 1 Sept 2020	Total annual salary & benefit on 1 Sept 2020	Additional FTE of 0.03, 0.05, 0.08 or 0.1	Salary IF external funds support an additional 0.1 FTE (1.0 total FTE)	Benefits cost IF external funds support an additional 0.1 FTE (1.0 total FTE)	Total annual salary and benefit costs IF external funds support additional enhancement at 0.1, 0.08, 0.05, or 0.03 FTE*	Off-campus external grant to support 0.1 FTE (1.0 total FTE) plus 26% indirect, 12 month total**	Campus external grant to support 0.1 FTE (1.0 total FTE) plus 33% indirect, 12 month total**	External contract or fee for service to support 0.1 FTE (1.0 total FTE) with institutional charge of 10%, 12 month total**
\$ 54,500	\$ 22,822	\$ 77,322	0.10	\$ 59,950	\$ 24,055	\$ 84,005	\$ 8,420	\$ 8,887	\$ 7,350
			0.08	\$ 58,860	\$ 23,808	\$ 82,668	\$ 6,736	\$ 7,110	\$ 5,880
			0.05	\$ 57,225	\$ 23,439	\$ 80,664	\$ 4,210	\$ 4,444	\$ 3,675
			0.03	\$ 56,135	\$ 23,192	\$ 79,327	\$ 2,526	\$ 2,666	\$ 2,205

\*Amount to use as full salary in a grant application

\*\*Final amount of external funds in a grant or contract to reach 1.0 FTE

### Fixed external funds calculator

Type of revenue	External salary & benefit off-set	Time period - months	Calculated value of enhancement	Actual FTE enhancement	Total FTE***	Annual salary for duration of grant or contract
Off-campus grant	\$8,000	12	0.0950	0.08	0.9800	\$58,860
Campus grant	\$8,000	12	0.0900	0.08	0.9800	\$58,860
Contract for service	\$8,000	12	0.1088	0.1	1.0000	\$59,950

\*\*\*Any funds above 1.0 FTE will be used as GRA off-set

### Fixed FTE enhancement calculator

Type of revenue	Calculated total additional earnings	Additional funds needed to cover additional earnings, benefit off-set, indirect or institutional charge	Time period - months	FTE enhancement, 0.03, 0.05, 0.08 or 0.1 ****	Total FTE	Annual salary for duration of grant or contract or program area fees	Amount to be included for annual salary in a grant budget or contract calculation
Off-campus grant	\$ 5,450.00	\$8,420	12	0.10	1.0000	\$59,950	\$ 84,005
Campus grant	\$ 5,450.00	\$8,887	12	0.10	1.0000	\$59,950	\$ 84,005
Contract or fees	\$ 5,450.00	\$7,350	12	0.10	1.0000	\$59,950	\$ 84,005
Program area fees	\$ 5,450.00	\$6,682	12	0.10	1.0000	\$59,950	\$ 84,005

\*\*\*\* enter only .03, .05, .08 or .1

An off-campus faculty member is considering a contract with Central Missouri Community Action Agency that will begin on January 1, 2021 and end on August 31, 2022 (8 months). The faculty member's annual salary on September 1, 2020 is \$52,000. Enter \$52,000 into the **General FTE Enhancement and Compensation calculator** to calculate the total amount the faculty member would need to secure to enhance FTE by .10, 0.08, 0.05 or 0.03 FTE.

After discussion and planning with Central Missouri Community Action Agency, it is decided that the contract will include a fixed amount of \$5,000 for all salary-related costs (i.e., salary, fringe benefits, and related indirect/overhead costs). Enter \$5,000 and 8 months into the **Fixed External Funds Calculator** below to calculate the faculty member's annual salary for the duration of the contract (**shown in red**).

## FTE Enhancement Calculator

Complete only the yellow fields - field A10 is required

General FTE enhancement and compensation calculator

Annual Salary 1 Sept 2020 @0.9 FTE	Benefits cost on 1 Sept 2020	Total annual salary & benefit on 1 Sept 2020	Additional FTE of 0.03, 0.05, 0.08 or 0.1	Salary IF external funds support an additional 0.1 FTE (1.0 total FTE)	Benefits cost IF external funds support an additional 0.1 FTE (1.0 total FTE)	Total annual salary and benefit costs IF external funds support additional enhancement at 0.1, 0.08, 0.05, or 0.03 FTE*	Off-campus external grant to support 0.1 FTE (1.0 total FTE) plus 26% indirect, 12 month total**	Campus external grant to support 0.1 FTE (1.0 total FTE) plus 33% indirect, 12 month total**	External contract or fee for service to support 0.1 FTE (1.0 total FTE) with institutional charge of 10%, 12 month total**
\$ 52,000	\$ 22,257	\$ 74,257	0.10	\$ 57,200	\$ 23,433	\$ 80,633	\$ 8,033	\$ 8,480	\$ 7,013
			0.08	\$ 56,160	\$ 23,198	\$ 79,358	\$ 6,427	\$ 6,784	\$ 5,611
			0.05	\$ 54,600	\$ 22,845	\$ 77,445	\$ 4,017	\$ 4,240	\$ 3,507
			0.03	\$ 53,560	\$ 22,610	\$ 76,170	\$ 2,410	\$ 2,544	\$ 2,104

\*Amount to use as full salary in a grant application

\*\*Final amount of external funds in a grant or contract to reach 1.0 FTE

Fixed external funds calculator

Type of revenue	External salary & benefit off-set	Time period - months	Calculated value of enhancement	Actual FTE enhancemnt	Total FTE***	Annual salary for duration of grant or contract
Off-campus grant	\$5,000	8	0.9336	0.1	1.0000	\$57,200
Campus grant	\$5,000	8	0.8845	0.1	1.0000	\$57,200
Contract for service	\$5,000	8	1.0694	0.1	1.0000	\$57,200

An off-campus faculty member is considering a grant from the U.S. Department of Agriculture that will begin on January 1, 2021 and end on December 31, 2022 (two years total). The faculty member's annual salary on September 1, 2020 is \$54,500. Enter this amount into the **General FTE Enhancement and Compensation calculator** to calculate the annual amount the faculty member would need to secure to enhance .10 FTE, plus fringe benefits and 26% for F&A/indirect because this project will be considered an "off campus" project. (shown in red in this example)

After discussion and planning with the grant team, it is decided that the faculty member will be a Co-Investigator on the grant. The grant budget will include .05 FTE for the faculty member. Enter .05 FTE and 12 months into the **Fixed FTE Calculator** below to calculate the faculty member's annual salary for the duration of the grant. (shown in green in this example)

## FTE Enhancement Calculator

Complete only the yellow fields - field A10 is required

General FTE enhancement and compensation calculator

Annual Salary 1 Sept 2020 @0.9 FTE	Benefits cost on 1 Sept 2020	Total annual salary & benefit on 1 Sept 2020	Additional FTE of 0.03, 0.05, 0.08 or 0.1	Salary IF external funds support an additional 0.1 FTE (1.0 total FTE)	Benefits cost IF external funds support an additional 0.1 FTE (1.0 total FTE)	Total annual salary and benefit costs IF external funds support additional enhancement at 0.1, 0.08, 0.05, or 0.03 FTE*	Off-campus external grant to support 0.1 FTE (1.0 total FTE) plus 26% indirect, 12 month total**	Campus external grant to support 0.1 FTE (1.0 total FTE) plus 33% indirect, 12 month total**	External contract or fee for service to support 0.1 FTE (1.0 total FTE) with institutional charge of 10%, 12 month total**
\$ 54,500	\$ 22,822	\$ 77,322	0.10	\$ 59,950	\$ 24,055	\$ 84,005	\$ 8,420	\$ 8,887	\$ 7,350
			0.08	\$ 58,860	\$ 23,808	\$ 82,668	\$ 6,736	\$ 7,110	\$ 5,880
			0.05	\$ 57,225	\$ 23,439	\$ 80,664	\$ 4,210	\$ 4,444	\$ 3,675
			0.03	\$ 56,135	\$ 23,192	\$ 79,327	\$ 2,526	\$ 2,666	\$ 2,205

\*Amount to use as full salary in a grant application

\*\*Final amount of external funds in a grant or contract to reach 1.0 FTE

Fixed FTE enhancement calculator

Type of revenue	Calculated total additional earnings	Additional funds needed to cover additional earnings, benefit off-set, indirect or institutional charge	Time period - months	FTE enhancement, 0.03, 0.05, 0.08 or 0.1 ****	Total FTE	Annual salary for duration of grant or contract or program area fees	Amount to be used for annual salary in a grant budget or contract calculation*
Off-campus grant	\$ 2,725.00	\$4,210	12	0.05	0.9000	\$57,225	\$ 80,664
Campus grant	\$ 2,725.00	\$4,444	12	0.05	0.9000	\$57,225	\$ 80,664
Contract or fees	\$ 2,725.00	\$3,675	12	0.05	0.9000	\$57,225	\$ 80,664
Program area fees	\$ 2,725.00	\$3,341	12	0.05	0.9000	\$57,225	\$ 80,664

\*\*\*\* enter only .03, .05, .08 or .1