A Scientific Study of Science:

A Research Proposal to the Federal Science Agency

Budget- Updated June 2020 v.2

This a guide--please check the [current rates](https://www.research.fsu.edu/research-offices/sra/facts-sheet/) because they are subject to change.

**Salary and Fringe Benefits**

Senior Personnel:

PI:

Y1: Salary: $100,000 9-mo salary/9 mos. = $11,111 monthly salary \* 3 summer mos. = $33,333

\* .10 summer effort = $3,333

Fringe: $3,333 project salary \* 16.82% FRS rate = $561

Total: $3,889

Y2: $103,000/9 = $11,444 \* 3 = $34,333 \* .10 = $3,433

$3,433 \* 16.82% = $577

$4,010

Y3: $106,090/9 = $11,788 \* 3 = $35,363 \* .10 = $3,536

 $3,536 \* 16.82% = $595

 $4,131

Total PI salary and fringe: $12,030

Co-PI:

 Y1: Salary: $75,000 12-mo salary \* 25% annual effort = $18,750

 Fringe: ($18,750 project salary \* 17.06% ORP rate = **$3,199**) +

($18,141 annual family health rate \* 25% annual effort = **$4,535**) = $7,734

 Total: $26,484

Y2: Salary: $77,250 \* 25% = $19,313

 ($19,313 project salary \* 17.06% ORP Rate) = $3,295 +

($18,480 annual family health insurance \*25% = $4,620)=

Total: $27,047

 Y3: $79,568 \* 25% = $19,892

 ($19,892 \* 17.06%) = $3,394 +

(18,480 \*25% annual family health insurance= $4,620 ) = $8,040

 $27,886

 Total co-PI salary and fringe: $ 81,417

Total senior personnel salary and fringe: $93,447

Other Personnel:

Post-doc:

 Y1: Salary: $50,000 annual salary

 Fringe: ($50,000 \* 1.55% post-doc rate = $775) +

$18,480 annual family health insurance = $19,255

Total: $69,255

 Y2: $51,500

 ($51,500 \* 1.55% = $798) + $18,480 = $19,278

 $70,778

 Y3: $53,045

 ($53,045 \* 1.55% = $822) + $18,480 = $

 $72,347

 Total post-doc salary and fringe: $212,380

Grad students:

 Y1: Salary: $25,000 \* 50% effort \* 2 students = $25,000

 Fringe: ($25,000 \* 0.1% grad student fringe rate = $25) + ($1,965 grad

student health insurance subsidy \* 2 students = $3,930) = $3,955

Total: $28,955

 Y2: $25,750

 ($25,750 \* 0.1% = $26) + $3,930 = $3,956

 $29,706

 Y3: $26,523

 ($26,523 \* 0.1% = $27) + $3,930 = $3,957

 $30,480

 Total grad students’ salary and fringe: $89,141

Total other personnel salary and fringe: $301,521

Total salary and fringe: $394,968

**Equipment**

Y1: Scientific Machine - $10,000

**Travel**

Domestic – Programmatic:

 Y1: Lodging: $100/night \* 2 nights = $200 \* 2 trips = $400 \* 2 people = $800

 Transportation: $45 \* 2 trips = $90 \* 2 people = $180

 Meals = $36/day \* 3 days = $108 \* 2 trips = $216 \* 2 people = $432

 Misc. = $50 \* 2 trips = $100 \* 2 people = $200

 Total Y1 travel: $1,612

 Y2: Same as Y1

 Y3: Same as Y1

 Total domestic programmatic travel: $4,836

Domestic – Conferences:

 Y2: Registration: $500 \* 2 people = $1,000

Lodging: $150/night \* 3 nights = $450 \* 2 people = $900

Transportation: $500 \* 2 people = $1,000

Meals: $36 \* 4 days = $144 \* 2 people = $288

Misc. = $100 \* 2 people = $200

 Total Y2 travel: 3,388

 Y3: Same as Y2

 Total domestic conference travel: $6,776

Total domestic travel Y1: $1,612

Total domestic travel Y2: $5,000

Total domestic travel Y3: $5,000

Total domestic travel: $11,612

International:

 Y2: Registration: $750

 Lodging: $150/night \* 4 nights = $600

 Transportation: $750

 Meals: $36 \* 5 = $180

 Misc. = $100

 Total Y2 travel: $2,380

 Y3: Same as Y3

 Total international travel: $4,760

Total travel: $16,372

**Tuition**

 Y1: $11,004 (27 hours) \* 2 students = $22,008

 Y2: $11,114 \* 2 = $22,228

 Y3: $11,225\* 2 = $22,500

 Total tuition: $75,674

**Supplies**

Y1: $100 + $50 + $150 + $250 + $200 = $750

 Y2: Same as Y1

 Y3: Same as Y1

 Total supplies: $2,250

**Publication**

 Y2: $2,000

 Y3: $2,000

 Total publication: $4,000

**Subawards/Contracts**

FU: Y1: $50,000

 Y2: $50,000

 Y3: $50,000

SSC: Y1: $5,000

 Y2: $5,000

 Y3: $5,000

SCI: Y1: $30,000

 Y2: $30,000

 Y3: $30,000

Total subawards/contracts Y1: $85,000

Total subawards/contracts Y2: $85,000

Total subawards/contracts Y3: $85,000

Total subawards/contracts: $255,000

**Total Direct Costs:**

Y1: $247,953

Y2: $248,899

Y3: $252,474

 Total direct costs: $741,852

**Indirect Costs**

Y1:

 TDC: $247,953

 - Equipment: $10,000

 - Tuition: $22008

 - Subawards > $25k: $55,000

 = MTDC base: $185,945

 \* 54% = $100,410

Y2:

 TDC: $248,899

 - Tuition: $ 22,228

 -Subawards >$25,000;$5,000

 = MTDC base: $146,671

 \* 54% = $79,202

Y3:

 TDC: $252,474

 - Tuition: $22500

-Subawards >$25,000;$5,000

 = MTDC base: $229,974

 \* 54% = $80,986

Total IDC:

TDC: 749,326

 - Equipment: $10,000

 - Tuition: $66,736

 - Subawards > $255,000

 = MTDC Base $482,590

\* 54% = $260,599

**Total Project Cost**

Y1: $247,953 (direct costs) + $100,410 (indirect costs) = $348,363

 Y2: $248,899 + $79,202 = $328,101

 Y3: $252,474 + $80,986 = $333,460

Total: $749,326 + $260,599 = $1,099,025