*\*Please remember to fill-in all the yellow highlighted language and/or remove any non-relevant sections that are not used on your project.*

BUDGET JUSTIFICATION

PI Name

Program

**Project Title**

Project Dates: xx/xx/xxxx – xx/xx/xxxx

1. **SENIOR PERSONNEL: $xx,xxx**

**Principal Investigator: Dr…: $xx,xxx**

The PI will be responsible for overall scientific leadership and project management. In addition, the Principal Investigator will directly supervise and mentor the participating postdoctoral scholar, graduate student researchers, and undergraduate student researchers supported by this project. The PI will also…

Salary support requested for X summer month @ 100% effort per year.

**Co-Principal Investigator: Dr…: $xx,xxx**

The Co-PI will ….

Salary support requested for X summer month @ 100% effort per year.

Anticipated cost of living increases are 4% yearly for academic personnel. Where appropriate, merit increases for academic personnel are estimated at 5% every two years. Personnel costs are at published University Salary Scales. Please note, the Regents of University of California at Irvine has defined and will apply the Fiscal Year from July 1st to June 30th for Personnel Salaries and Wages.

1. **OTHER PERSONNEL: $xx,xxx**

**Postdoctoral Scholar**: **$xx,xxx**

Under the mentorship of the PI, the Postdoctoral Scholar will … and write papers that present the research findings.

Salary is requested at xx% effort for the duration of the project, as the Postdoctoral Scholar will be scheduled to devote xx months in each year of the project.

**Graduate Student Researcher**: **$xx,xxx**

Under the mentorship of the PI, a Graduate Student Researcher will develop theory and assist with experiments and statistical analysis for the project, as well as write papers that present the research findings…

Salary is requested for one Resident Graduate Student @ xx% effort during the academic year and @ xx% effort for the summer months for each year.

Postdoctoral Scholar and Graduate Student Researcher salaries are based upon current University of California GSR and Post-Doc salary scales. Anticipated cost of living increases for personnel are calculated at UCI published escalation rates of 3%, with an estimated 5% merit increase every two years.

**Undergraduate Student Researcher**: **$xx,xxx**

Salary is requested for One Undergraduate Student @ xx% in the academic year for each year. The Undergraduate Student will …

1. **FRINGE BENEFITS: $xx,xxx**

**Salary-based Benefits: $x,xxx**

Academic Employees: PI @ 9.8% (summer); Postdocs @ 23.8% (calendar); Graduate and Undergraduate Student Researchers @ 2.3%. Employee benefits are estimated using the Universities published composite rates.

1. **EQUIPMENT: $x,xxx**

Funding for equipment is based on vendor quotations.

Equipment description here…

The above equipment is requested for use by the grantee in support of the research or education as outlined in the grant.

1. **TRAVEL: $xx,xxx**

**Domestic Travel:** $x,xxx is requested per year for travel. Funds are requested for the PI, Co-PI, Postdoc or graduate student researcher to attend a domestic project-related conference, such as xxx (in the US), to disseminate the progress of the project. Travel related expenses ($x,xxx/conference or meeting) are based on historical data for average airfare, ground transportation, registration fees, lodging, and meals & incidentals.

**Foreign Travel:** $x,xxx is requested per year for travel. This amount is to cover…

Explanation of Foreign Travel purpose…

(Double check to ensure foreign travel is allowable per the solicitation. On the NSF “Cover Sheet” go to the “Remainder of the Cover Sheet” and check the box for “International Activities” and list the contries.)

All estimated travel costs are based on historical experience and costs are escalated at a rate of 3% per year.

1. **PARTICIPANT SUPPORT: $x,xxx**

Description of participant expenses…

1. **OTHER DIRECT COSTS: $xx,xxx**

**Materials & Supplies: $xx,xxx**

Funding for project specific research materials and supplies are based on historical data. Requested materials and supplies include….

The materials and supplies will benefit the project by…..

**(Please include a justification as to how the supplies benefit the project.)**

(Include software licenses for data collection and analysis in this section)

All material and supplies costs are escalated at 3% for each year of the project.

**Publications/Documentation/Dissemination: $xx,xxx**

Funds are requested each year to cover journal publication fees for the purpose of publication and presentation of research materials. In addition, requested funds are to cover mandatory over-length page charges, which may incur, ranging from $110-220 per page.

Additional description of publication expenses…

**Consultation Services: $xx,xxx**

Description of consultant expenses…

(Consultant Letters MUST be provided along with the proposal.)

**Computer Services: $xx,xxx**

Description of computer services expenses…

**Subawards: $xx,xxx**

Subawardees Listed….

(Each subaward must provide a separate Budget and Budget Justification as well as a signed subrecipient form)

**Other: $xx,xxx**

**Shared Facility Use Charges: $xx,xxx**

Funds are requested to use the cleanroom processing tools and the Scanning Electron Microscope that are available at Integrated Nanosystems Research Facility. These costs are necessary for ….

The published rates are listed on the following website: <http://www.inrf.uci.edu/user-info/usage-rates/>.

**Graduate Student Fees: $xx,xxx**

University policy requires the inclusion of fee remission for graduate student researchers employed during the academic year with an appointment of 25 percent time or more. The costs of tuition and fee remission are estimated using currently published rates as the base. For multi-year projects, the in-state resident tuition base fee has an escalation rate of 6% annually. The non-resident supplemental tuition (if applicable) has an escalation rate of 7% annually in accordance with published university guidelines.

1. **TOTAL DIRECT COSTS: $xxx,xxx**

(Itemized direct costs not specified in Lines G1-G5)

1. **INDIRECT COSTS: $xx,xxx**

F&A costs were estimated in accordance with UCI’s rate agreement approved by the Department of Health and Human Services, the Federal Cognizant Audit Agency on 5/29/2019. The current established on-campus research rates are set at 56.0% through 6/30/20 and 57.0% for the period 7/1/20 and beyond. Organized research F&A cost rates are applied to the Modified Total Direct Costs (MTDC) base, which is the total direct costs for a project less those budget items that are excluded by agreement with the audit agency. The excluded costs are: equipment, construction, alterations and renovations, hospital or clinic charges for patient care, space rental or lease, tuition and fee remission, scholarships, and the amount that exceeds $25,000 of any subaward.

1. **TOTAL DIRECT and INDIRECT COSTS: $xxx,xxx**
2. **FEES: N/A**

(This line is available for use only by the SBIR/STTR programs).

1. **AMOUNT of THIS REQUEST: $xxx,xxx**

(This line be equal to line J).

1. **Cost Sharing: $xx,xxx**