**Budget Justification
(INSERT TITLE of Project)**

**California State University, Bakersfield**

1. **SENIOR PERSONNEL:**

**Principal Investigator (INSERT PI NAME)**: Professor (INSERT PI NAME and ANNUAL SALARY) will be the Principal Investigator (PI) of this project and will provide overall direction and oversight of the research and the outcomes. The PI will commit X (CHOOSE APPLICABLE calendar/academic/summer) month per year or Y percent effort. Responsibilities include data analysis and interpretation, drafting and dissemination of results, designing course material based on the techniques and results from the research project. The PI will also work with Prof. (INSERT COLLAB/SUB PI NAME) in the (INSERT DEPT) department at the (INSERT UNIV). In addition to overall project responsibility, the PI will co-supervise one (DEPT) Graduate Student Researcher (GSR) working on the project.

**Co-Principal Investigator (INSERT CO-PI NAME)**: Professor (INSERT Co-PI NAME and ANNUAL SALARY) will be the Co-Principal Investigator (Co-PI) of this project and will provide overall direction and oversight of the research and the outcomes. The Co-PI will commit X (CHOOSE APPLICABLE calendar/academic/summer) month per year or Y percent per year. Responsibilities include….. In addition to overall project responsibility, the Co-PI will co-supervise one (INSERT DEPT) Graduate Student Researcher (GSR) working on the project.

1. **OTHER PERSONNEL:**

*Graduate Student Researcher (TBD): The GSR will assist the PI, as directed, in conducting research and contribute to the drafting and dissemination of results. The GSR will commit 4.5 academic months and 3 summer months each year over the 4-year project period.*

1. **FRINGE BENEFITS:**

CSUB utilizes a 48% composite rate for Faculty Academic Year Salary and a 16% composite rate for Faculty, Staff, and Student Summer Salary.

1. **EQUIPMENT:**

The following equipment (nonexpendable tangible personal property having a useful life of more than one year, and an acquisition cost of $5,000 or more per unit) is requested in support of this project:

* 1. *ABC equipment – Description of equipment.*
1. **TRAVEL** (Names, amounts and activities are only examples)**:**

Domestic: A travel budget of $18,976 ($4,744/year) is requested for the PI/Co-PI and the GSR to attend one (1) annual 3-day conference in years 1-4 to disseminate project results. Major conferences may include the [INSERT POTENTIAL CONFERENCES]. We estimate that conferences will be held at similar venues as previously held conferences such as [PROVIDE EXAMPLE CITIES FOR CONFERENCE LOCATION]. The amount includes airfare, meals/lodging, ground transportation, and registration fees, if applicable. Estimated breakdown of costs are as follows:

Foreign: A travel budget of $X ($Y/year) is requested to cover one (1) annual 3-day scientific conference for the PI/Co-PI and the GSR to disseminate research results. Major conferences may include the [INSERT POTENTIAL CONFERENCES]. We estimate that conferences will be held at similar venues as previously held conferences such as [PROVIDE EXAMPLE CITIES FOR CONFERENCE LOCATION]. The amount includes airfare, per diem (which includes meals and lodging), ground transportation, and registration fees, if applicable. Estimated breakdown of costs are as follows:

Costs are estimated at $1,250 per person and include airfare ($450), lodging ($179/night x 3 night), conference registration ($350), per diem ($55/day x 4 day), and ground transportation/parking ($50).

1. **PARTICIPANT SUPPORT COSTS:** [List # of participants]

High School Students Summer Program – The PI plans to recruit up to X college students to participate in a day-long workshop to demonstrate optical phenomena and train scientific thinking skills.

* 1. Stipends - N/A
	2. Travel -We request $15/person for transportation for 30 local high school students.
	3. Subsistence - We request $15/person to provide lunch during the all-day event for the high school students.
	4. University Service Fee: All visiting scholars and visiting student researchers must pay the University Services Fee (if applicable).
	5. Other - N/A
1. **OTHER DIRECT COSTS:**
	1. Materials and Supplies: *[costs of consumables or items purchased in support of the project work under the grant]*
	2. Publication Costs/Documentation/Dissemination: *[costs of documenting, preparing, publishing or otherwise making available to others the findings and products of the work conducted under the grant]*
	3. Consultant Services: *[itemize each consultant, organizational affiliation, rate per day, number of days, any additional costs such as travel, lodging, supplies, and total cost for each consultant]*
	4. Computer Services: *[costs for computer services, including computer-based retrieval of scientific, technical and educational information, may be requested only where it is institutional policy to charge such costs as direct charges. A justification based on the established computer service rates at the proposing organization must be included. The proposal budget also may request costs for leasing of computer equipment]*
	5. Subawards:*[Identify and briefly describe other institutions involved in the project and total costs requested for each]. For example*:
	A subaward to the University of ABC is requested each year over a period of 4 years in order to support CSUB’s project. ABC’s work will include involvement in programmatic decision-making under the guidance of Prof. A in the Chemistry department as per the work and tasks as described in the project description. Please see separate subaward budget and budget justification for a detailed breakdown of costs.
	6. Other: *[any other direct costs not specified in categories above must be identified, itemized, and detailed in the budget justification]*
2. **INDIRECT COSTS:**
Indirect costs are based on University negotiated rates with the cognizant federal agency and are applied at a rate of 48% for the entire project period using the modified total direct cost (MTDC) formula as per the approved rate. Modified total direct costs exclude equipment, capital expenditures, charges for patient care, student tuition remission, participant support costs, rental costs of off-site facilities, scholarships, and fellowships as well as the portion of each subgrant and subcontract in excess of $25,000.