**Budget Justification**

1. **Senior Personnel**

**Principal Investigator (Name)**

Professor (name) will serve as Principal Investigator (PI) and is responsible for managing project direction, personnel management, data analysis and management, and correspondence with NSF for project updates. (Insert sentence here about what specifically the PI will do technically.) The proposed budget requests salary support for xx (calendar, academic, summer) months per year for the PI over the course of the project. Costs are based off 1/9th the academic year salary, and the University of Colorado Denver (CU Denver) institutionally allowable 3% annual inflation factor was applied from year 1. The CU Denver fiscal year starts on July 1.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

**Co-Investigator (name)**

Professor (name) will serve as the co-investigator for the project. (name) will be responsible for….. The proposed budget requests salary support for xx (calendar, academic, summer) months per year for the co-PI over the course of the project. Costs are based off 1/9th the academic year salary, and the CU Denver institutionally allowable 3% annual inflation factor was applied from year 1.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Other Personnel**

**Postdoctoral Scholar (name)**

(Name) will serve as a postdoctoral scholar for this project/ A postdoc will be hired for this project. (name)/ The post-doc will be working with the PI to …. The proposed budget requests salary support for xx months per year at CU Denver College of Engineering, Design and Computing (CEDC)-approved rates of (salary – post-docs start at $50K/year). The CU Denver institutionally allowable 3% annual inflation factor was applied starting in year 1 (if currently employed at CU Denver)/year 2.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

**Graduate Research Assistant**

The GRA will be responsible for … under the supervision of …. The GRA will meet weekly with the PI/Co-PI to report progress. The proposed budget requests xx calendar months of support for the Graduate Research Assistant. CU Denver CEDC-approved graduate rates were employed, and the CU Denver institutional allowable 3% annual inflation factor was applied every year after year 1.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Fringe Benefits**

Standard University of Colorado Denver institutionally approved fringe benefit rates of 29.23% for faculty with full-time contract appointments, 25.99% for postdoc, and 0.24% for a student supported on the budget >=50% FTE/0.22% for a student supported on the budget <50% FTE are included.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Travel**

Travel includes costs for xx person to a domestic/international conference xx times per year. FY2022 General Administration Service rates for Washington, DC of $258/night lodging and $79/day per diem were used to calculate costs for domestic conferences with unknown locations/State Department rates for Paris, France of $420/night lodging and $182/day per diem were used to calculate costs for international conferences with unknown locations. CU Denver CEDC standard travel rates of domestic round-trip airfare of $500/international round trip airfare of $1400, registration fees of $700, and ground transportation at $50/person/day is requested.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Participant Support Costs**

No participant support costs are requested for this project.

1. **Other Direct Costs**

Materials and supplies are budgeted at $xxx annually for …. Total request $xxx.

Costs for reprints, page charges, and illustrations are budgeted at $xxx annually for …. Total request $xxx.

Documentation, storage and indexing of data and databases/development, documentation, and debugging of software are budgeted at $xxx annually for …. Total request $xxx.

Consultant (name) is budgeted at $/day for xx days. Consultant (name) will be providing describe services. See attached letter from (name) supporting rates and effort for the project.

Subrecipient organization (name) is included in the budget at provide costs by year (Year 1: $...; Year 2: $...). (name) will be providing (essential part of project). See (name) budget justification for supporting details.

1. **Other Direct Costs (Not MTDC)**

GRA Tuition: Standard CU Denver CEDC-approved Graduate Research Assistant non-resident tuition and fees per semester for 6 credit hours is requested for the Graduate Research Assistant. CU Denver institutional standard inflation factor of 3% was applied starting in year 1.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Total Direct Costs (A through G)**

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Indirect Costs**

Facilities and Administrative costs are calculated according to the current “Colleges and University Rate Agreement” negotiated with the Department of Health and Human Services for the University of Colorado Denver. Current research rate is 55.5% of modified total direct costs. The modified direct cost base includes total direct costs and excludes equipment, capital expenditures, charges for patient care, tuition remission, rental costs, scholarships, and fellowships as well as the portion of each subgrant and subcontract in excess of $25,000.

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.

1. **Total Direct and Indirect Costs**

Provide costs by year (Year 1: $...; Year 2: $...). Total request: $.