**Sample Detailed Budget Justification**

**A. Senior/Key Personnel**

* **Dr. Jane Doe, Principal Investigator (0.5 summer months per year).** Dr. Doe will be responsible for (insert project role). Her 9-month base salary is $100,000 in year 1, with a 23.67% fringe benefit rate.
* **Dr. John Smith, Co-Investigator (0.5 summer months per year).** Dr. Smith will be responsible for (insert project role). His actual 9-month base salary is $150,000 in year 1, with an 22.45% fringe benefit rate.

**B. Other Personnel**

* **Postdoctoral Researcher (TBD) (12 calendar months per year).** This individual will (insert project role). The 12-month base salary for this position is $55,000 in year 1.
* **Graduate Research Assistant (TBD) (12 calendar months per year).** This individual will (insert project role). The GRA stipend is $2,500/month in year 1. GRAs receive health insurance at a flat monthly rate, estimated at $259.17/ month in year 1, with an 8% annual escalation based on historical increases.
* **Undergraduate Student (TBD) (6 calendar months per year).** This individual will (insert project role). The student will work approximately 80 hours per month for 12 months per year (equivalent to 6 calendar months per year). Undergraduate students are paid a flat rate of $15/hour in year 1, with 8% fringe benefits.

**C. Equipment**

One database server ($10,000) will be purchased in year 1 to house the raw and analyzed data sets. This equipment is necessary for (insert why it’s needed to complete this project).

**D. Travel**

### $3,700 in year is requested for domestic travel and $4,350 is requested for foreign. This includes 1 trip per year ($3,700) for the PI and Co-I to travel to the Science Medical Center in Chicago, Illinois for collaborative meetings related to the membrane studies. It also includes 1 trip in year 1 and year 3 at $4,350 for the PI and GRA to attend a professional conference (e.g., CDC, SRA) to present findings from this research.

**F. Other Direct Costs**

1. **Materials and Supplies:** $5,875 per year is requested for chemicals, glassware, and plastic ware, as well as molecular biology supplies (enzymes for cloning, PCR, recombinant protein production, and primers) and supplies for biochemical experiments (antibodies and western blotting supplies).
2. **Publication Costs:** $1,000/year is requested to disseminate the results of this research.
3. **Other Direct Costs:** GRA tuition is requested at $16,405 in year one. Tuition assumes two full semesters and three hours in the summer per year. Based on historical data, a 2% increase has been included for years 2 and 3. Total tuition requested is $50,206 for years 1-3.

**Total Request: $567,462**