

Dr. X
NYC College of Technology, CUNY

Title
Budget Justification

Proposed Budget

A. Senior Personnel- \$41,437

Year 1 - \$20,474 Year 2 - \$20,963

Dr. X, the Principal Investigator (PI), is requesting 2 months of summer salary in the amount of \$16,474 in year one. It is calculated at \$8,237 per month which is 1/9 of annual salary of \$74,133. Summer salary in year two will reflect a 2% increase, \$16,803.

Dr. Y, Co- PI is requesting of two weeks of summer salary, \$4,000 for year one and \$4,160 in year two.

The PI will oversee research assistant and conduct research activities. The Co-PI will conduct research activities and assist with computational analysis.

B. Other Personnel- \$52,772

Year 1 - \$ 26,125 Year 2 - \$ 26,647

A research assistant will be hired at the rate of \$25 per hour year one and \$25.50 per hour year two reflecting 2% contractual increase for 1045 hours per year.

The research assistant will be important to help the PI to maximize the efforts towards the achievement of the objectives of the proposal in a timely manner. He/she will collect and analyze data under the supervision of PI.

C. Fringe benefits- \$14,416

Year 1 - \$ 7,127 Year 2 - \$7,289

Summer salary fringe benefits are \$5,037 year one and \$5,157 year two calculated at 24.9%. The part-time fringe benefits are 8 % for the Research Assistant \$2,090 year one, and \$2,132 year two.

D. Equipment -\$6,000

Year 1 - \$6,000

Funds are requested for a high-performance computer to perform computational analysis of research data.

E. Travel – \$16,000

Year 1 - \$8,000 Year 2 - \$8,000

Travel is requested in order to attend two conferences per year, such as IEEE or APIDO. Travel is also needed to travel once a year to Brazil for scientific collaboration. Estimated conference travel including registration fees are \$3,000 for domestic travel and \$5,000 for foreign destinations.

G. Other Direct costs- \$2,317

Year 1 - \$ 1,657 Year 2 - \$ 660

Materials & Supplies - The first year of the project requires the purchase of two computers: one mid-range laptop to be used for public presentations and for writing the codes; one desktop computer for research assistant with a fast CPU for running the numerical calculations. Some software is also needed. The estimated cost for the computer and software is \$1,500. The second year of the project will require some additional material, an external hard drive for the storage of the data and small supplies, estimated at the cost of \$500.

MTA Payroll tax, .60% of research assistants salary is requested, \$157 for year one and \$160 for year two. It is budgeted as Other since it cannot be calculated on indirect cost.

H. Total Direct costs – \$132,942

Year 1 - \$69,383 Year 2 - \$63,559

I. Indirect Costs –\$59,743

Year 1 - \$25,549 Year 2 - \$30,194

Indirect cost is calculated at 55% of the total salary and fringe benefits.

J. Total Direct & Indirect Costs –\$192,685

Total budget year 1 - \$ 98,932

Total budget year 2 - \$ 93,753