Dr. X

NYC College of Technology, CUNY

Title

Budget Justification

**A. Senior Personnel- $58,085**
**Year 1 - $28,613 Year 2 - $29,472**
Dr. X, the Principal Investigator (PI), is requesting support for 5.6% effort (.50 person months) for the academic year and 1.5 summer months. It is calculated for year one $17,254 which is 1.5/9 of annual salary of $103,524 and $17,772 for year two. Effort is 8.3% of salary, $5,797 year 1 and $5,971 year two. Year two reflects a 3% increase. Dr. X will oversee research assistant and conduct research activities.

Dr. Y, Co- PI requests two weeks of summer salary, $5,562 for year one and $5,729 in year two., .5/9 of annual salary $100,117 Dr. Y will.. will conduct research activities and assist with computational analysis in the summer.

 **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 for 1045 hours, year two reflecting 2% contractual increase. 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- $20,400**

**Year 1 - $10,074 Year 2 - $10,325**

Summer salary fringe benefits are 24.5% and effort 51.2%. The part-time staff fringe benefits are 8 %.

**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 annually.

**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.

Other - 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 – $155,574**

**Year 1 - $80,470 Year 2 - $75,104**

**I. Indirect Costs –$67,072**

**Year 1 - $33,119 Year 2 - $33,953**

Indirect cost is calculated at 55.1% of the total salary and fringe benefits.

**J. Total Direct & Indirect Costs –$222,646**

**Total budget year 1 - $ 113,589**

**Total budget year 2 - $ 109,057**