

**Budget Justification Page**

A SENIOR PERSONNEL: The PI is requesting 1 month support: **\$9,246**, plus 4% increase each year.

B OTHER PERSONNEL:

1. The PI is requesting six quarters per year of graduate student support at **\$2,124**/month salary per student with an increase of 4% each year.

C FRINGE BENEFITS:

1. Fringe benefits for the PI's salary will be 23.8% each year.
2. Fringe benefits for graduate students will be 13.4% each year.

D EQUIPMENT:

E TRAVEL:

1. **Awardees Meeting:** Travel for all students to annual awardees meeting: **\$1,000**/each for 8 students.
2. **Conferences:** Travel for each student to one conference during the year: **\$1,000**/each for 8 students.
3. **Visitors:** Support for faculty mentor visitors who will work on SAGE and mentoring undergraduates: **\$4,000**/each for 4 month-long visitor per year. (\$500 travel, \$500 food,  $30 \times \$100$ /day for hotel).

F OTHER DIRECT COSTS:

1. **Student Stipends:** The PI is requesting stipends for 8 undergraduate participants at a rate of **\$6,625**/year. This is **\$53,000**/year plus a 4% increase each year.
2. **Material and Supplies:**
  - Money for **software** and **books** that will be needed by students for their projects. **\$3600**/year. 12 people (8 students, the PI, and 3 graduate students) at \$300/each.
  - **Portable computers:** **\$13200**/year for 11 laptops that will be used by the students to create a portable lab environment, for interactive presentations of project results, for workshop “coding sprints”, and for development of software and databases. The computers are **\$1200**/each, and would revert to the SAGE project.

G INDIRECT COSTS: Facilities and Administrative costs will be reimbursed at less than the University of Washington's current Indirect Cost Rate negotiated with DHHS on 7/15/05. An administrative allowance, limited to 25% of the participant support stipend amount (Line F.1 on the proposal budget) is allowed for CSUMS awards as partial reimbursement of indirect costs, per the proposal guidelines at <http://www.nsf.gov/pubs/2006/nsf06559/nsf06559.pdf/>.