

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task A, Counter Group:
Donald Duck (11/1/2003-10/31/2004)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 1 |
|--|---------------------|--|-----------------------------------|--------------------------|------------------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Donald Duck | Professor | 2 SU mon. | 11,788 | 2,947 | 14,735 | - | 3,971 | 18,706 |
| Barney Rubble | Associate Professor | 2 SU mon. | 7,073 | 1,768 | 8,841 | - | 2,383 | 11,223 |
| | | | - | - | - | - | - | - |
| Total Senior Personnel | | | 18,860 | 4,715 | 23,576 | - | 6,354 | 29,929 |
| B. Other Personnel | | | | | | | | |
| Red Dodge | Postdoc | 100% CY | 20,600 | 5,150 | 25,750 | - | 6,940 | 32,690 |
| Blue Ford | Postdoc | 100% CY | 21,630 | 5,408 | 27,038 | - | 7,287 | 34,324 |
| Yellow Hummer | Postdoc | 100% CY | 22,660 | 5,665 | 28,325 | - | 7,634 | 35,959 |
| Dancer | Grad. Student (off) | 12 mon. stipend | 19,800 | N/A | 19,800 | - | 2,668 | 22,468 |
| Prancer | Grad. Student (off) | 12 mon. stipend | 19,800 | N/A | 19,800 | - | 2,668 | 22,468 |
| Comet | Grad. Student (off) | 12 mon. stipend | 19,800 | N/A | 19,800 | - | 2,668 | 22,468 |
| Cupid | Grad. Student (off) | 12 mon. stipend | 19,800 | N/A | 19,800 | - | 2,668 | 22,468 |
| Total Other Personnel | | | 144,090 | 16,223 | 160,313 | - | 32,532 | 192,845 |
| Total Salaries and Wages | | | 162,950 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 20,938 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 183,888 | - | 38,886 | 222,774 |
| D. Equipment: | | | | | | | | |
| | | Computer Upgrades | | | 5,000 | - | - | 5,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| (cost estimates are based upon past experiences of purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 5,000 | - | - | 5,000 |
| E. Travel: | | | | | | | | |
| | | Non-experimental Domestic - Conferences (full indirect cost) | | | 3,000 | 1,425 | - | 4,425 |
| | | Non-experimental Foreign - Conferences (full indirect cost) | | | 6,000 | 2,850 | - | 8,850 |
| | | Experimental Domestic (no indirect costs) | | | 30,200 | - | - | 30,200 |
| | | Housing at Fermilab (no indirect cost) | | | 15,000 | - | - | 15,000 |
| (see travel attachment for further details and justification) | | | | | | | | |
| Total Travel | | | | | 54,200 | 4,275 | - | 58,475 |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | | | | | | |
| | | | Graduate Student (0) (on-campus) | | | | | |
| | | | Graduate Student (4) (off-campus) | | 57,200 | - | 7,708 | 64,908 |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| Participant Total | | | | | 57,200 | - | 7,708 | 64,908 |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 6,500 | 3,088 | - | 9,588 |
| | | 2. Publications | | | 2,000 | 950 | - | 2,950 |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | 5,000 | 2,375 | - | 7,375 |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other | | | - | - | - | - |
| (cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| Total Other | | | | | 13,500 | 6,413 | - | 19,913 |
| H. Total Direct Costs (A through G) | | | | | 313,788 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 10,688 | <i>Off-campus</i> 46,593 | 57,281 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 313,788 | 10,688 | 46,593 | 371,069 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 313,788 | 10,688 | 46,593 | 371,069 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task B, Colliding Beams Group: Sponge Bob
(11/1/2003-10/31/2004)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 1 |
|---|---|-----------------|----------------|--------------------------|-----------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | 2 SU mon. | 9,430 | 2,358 | 11,788 | - | 3,177 | 14,965 |
| Scooby Doo | Assistant Professor | 2 SU mon. | 7,073 | 1,768 | 8,841 | - | 2,383 | 11,223 |
| Mickey Mouse | Professor | 2 SU mon. | 9,430 | 2,358 | 11,788 | - | 3,177 | 14,965 |
| Total Senior Personnel | | | 25,933 | 6,483 | 32,416 | - | 8,736 | 41,153 |
| B. Other Personnel | | | | | | | | |
| | | | - | - | - | - | - | - |
| Silver Chrysler | Postdoc | 100% CY | 22,660 | 5,665 | 28,325 | - | 7,634 | 35,959 |
| Black Porsche | Postdoc | 100% CY | 22,660 | 5,665 | 28,325 | - | 7,634 | 35,959 |
| White BMW | Postdoc | 100% CY | 23,690 | 5,923 | 29,613 | - | 7,981 | 37,593 |
| Green Mercedes | Postdoc | 100% CY | 24,401 | 6,100 | 30,501 | - | 8,220 | 38,721 |
| Dasher | Grad. Student (off) | 12 mon. stipend | 19,800 | N/A | 19,800 | - | 2,668 | 22,468 |
| Rudolph | Grad. Student (on) | 12 mon. stipend | 19,800 | N/A | 19,800 | 4,703 | - | 24,503 |
| Total Other Personnel | | | 133,011 | 23,353 | 156,363 | 4,703 | 34,136 | 195,202 |
| Total Salaries and Wages | | | 158,944 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 29,836 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 188,780 | 4,703 | 42,872 | 236,354 |
| D. Equipment: | | | | | | | | |
| | KA0101 (40% Technician Salary & Fringe) | | | | 27,127 | - | - | 27,127 |
| | Tools, electronics pool at CERN | | | | 3,000 | - | - | 3,000 |
| | Tools, data tapes at CLEO | | | | 5,000 | - | - | 5,000 |
| (Cost estimates are based upon past experience of purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 35,127 | - | - | 35,127 |
| E. Travel: | | | | | | | | |
| Non-experimental Domestic Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Non-experimental Foreign Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Experimental Domestic (no indirect costs) | | | | | 7,000 | - | - | 7,000 |
| Experimental Foreign (no indirect cost) | | | | | 12,000 | - | - | 12,000 |
| Travel-Related Expenses (no indirect cost) | | | | | 23,000 | - | - | 23,000 |
| (see travel attachment for further breakdown and justification) | | | | | | | | |
| Total Travel | | | | | 52,000 | 4,750 | - | 56,750 |
| F. Trainee / Participant | | | | | | | | |
| 1. Stipends | | | | | - | - | - | - |
| 2. Tuition and Fees Graduate Student (1) (on-campus) | | | | | 14,300 | 3,396 | - | 17,696 |
| Graduate Student (1) (off-campus) | | | | | 14,300 | - | 1,927 | 16,227 |
| 3. Trainee Travel | | | | | - | - | - | - |
| 4. Other | | | | | - | - | - | - |
| Participant Total | | | | | 28,600 | 3,396 | 1,927 | 33,923 |
| G. Other Direct Costs | | | | | | | | |
| 1. Materials & Supplies On-site | | | | | 14,585 | 6,928 | - | 21,513 |
| Off-site at CLEO | | | | | 3,000 | - | 809 | 3,809 |
| 2. Publications | | | | | - | - | - | - |
| 3. Consultant | | | | | - | - | - | - |
| 4. Computer ADP Services | | | | | - | - | - | - |
| 5. Subcontracts | | | | | - | - | - | - |
| 6. Other | | | | | - | - | - | - |
| (Cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| Total Other | | | | | 17,585 | 6,928 | 809 | 25,321 |
| H. Total Direct Costs (A through G) | | | | | 322,092 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 19,777 | <i>Off-campus</i> 45,607 | 65,384 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 322,092 | 19,777 | 45,607 | 387,476 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 322,092 | 19,777 | 45,607 | 387,476 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task C, Theory Group:
Sylvester (11/1/2003-10/31/2004)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.5%) | Total Costs Year 1 |
|---|---------------------|--|-----------------------------------|--------------------------|------------------------------------|--|---|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sylvester | Professor | 2 SU mon. | 9,902 | 2,475 | 12,377 | 5,879 | - | 18,256 |
| Power Ranger | Professor | 2 SU mon. | 6,173 | 1,543 | 7,716 | 3,665 | - | 11,381 |
| Fred Flintstone | Professor | 2 SU mon. | 7,073 | 1,768 | 8,841 | 4,199 | - | 13,040 |
| Spiderman | Associate Professor | 2 SU mon. | 9,666 | 2,416 | 12,082 | 5,739 | - | 17,822 |
| Pretty Princess | Professor Emeritus | N/A | - | - | - | - | - | - |
| Total Senior Personnel | | | 32,813 | 8,203 | 41,016 | 19,483 | - | 60,499 |
| B. Other Personnel | | | | | | | | |
| White Rolls Royce | Postdoc | 100% CY | 24,720 | 6,180 | 30,900 | 14,678 | - | 45,578 |
| Blue Chevy | Postdoc | 100% CY | 23,340 | 5,835 | 29,175 | 13,858 | - | 43,033 |
| Cinderella | Grad. Student (on) | 12 mon. stipend | 19,800 | N/A | 19,800 | 4,703 | - | 24,503 |
| Snow White | Grad. Student (on) | 12 mon. stipend | 19,800 | N/A | 19,800 | 4,703 | - | 24,503 |
| Dwarf #1 | Grad. Student (on) | 12 mon. stipend | 19,800 | N/A | 19,800 | 4,703 | - | 24,503 |
| | | | - | N/A | - | - | - | - |
| Total Other Personnel | | | 107,460 | 12,015 | 119,475 | 42,643 | - | 162,118 |
| Total Salaries and Wages | | | 140,273 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 20,218 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 160,491 | 62,126 | - | 222,617 |
| D. Equipment: | | | | | | | | |
| | | Replacement PC (3) | | | 6,000 | - | - | 6,000 |
| | | | | | - | - | - | - |
| | | | | | - | - | - | - |
| | | | | | - | - | - | - |
| (cost estimates are based upon past purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 6,000 | - | - | 6,000 |
| E. Travel: | | | | | | | | |
| | | Domestic - Conferences (full indirect cost) | | | 6,300 | 2,993 | - | 9,293 |
| | | Foreign - Conferences (full indirect cost) | | | 6,300 | 2,993 | - | 9,293 |
| | | Theoretical Domestic - (off-campus indirect costs) | | | 10,000 | - | 2,695 | 12,695 |
| | | Theoretical Foreign - (off-campus indirect costs) | | | 10,000 | - | 2,695 | 12,695 |
| | | | | | - | - | - | - |
| (see travel attachment for further breakdown and justification) | | | | | | | | |
| Total Travel | | | | | 32,600 | 5,985 | 5,390 | 43,975 |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | Graduate Student (3) (on-campus) | | 42,900 | 10,189 | - | 53,089 |
| | | | Graduate Student (0) (off-campus) | | - | - | - | - |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| Participant Total | | | | | 42,900 | 10,189 | - | 53,089 |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 8,171 | 3,880 | - | 12,051 |
| | | | | | - | - | - | - |
| | | 2. Publications | | | 1,500 | 713 | - | 2,213 |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | - | - | - | - |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other (copying, mailing and computer software) | | | 4,130 | 1,962 | - | 6,092 |
| (cost estimates are based upon previous purchases) | | | | | | | | |
| Total Other | | | | | 13,801 | 6,554 | - | 20,355 |
| H. Total Direct Costs (A through G) | | | | | 255,792 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 84,854 | <i>Off-campus</i> 5,390 | 90,244 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 255,792 | 84,854 | 5,390 | 346,036 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 255,792 | 84,854 | 5,390 | 346,036 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task D, Computing Group: Sponge Bob
(11/1/2003-10/31/2004)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 1 |
|---|------------|--|--------|--------------------------|-----------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | N/A | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Senior Personnel | - | - | - | - | - | - |
| B. Other Personnel | | | | | | | | |
| Batman | Technician | 10% CY | 2,652 | 663 | 3,315 | 1,575 | - | 4,890 |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Other Personnel | 2,652 | 663 | 3,315 | 1,575 | - | 4,890 |
| | | Total Salaries and Wages | 2,652 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 663 | | | | |
| | | Total Salaries, Wages and Fringe Benefits | | | 3,315 | 1,575 | - | 4,890 |
| D. Equipment: | | | | | | | | |
| | | Computers, Peripherals, Networking Hardware | | | 10,000 | - | - | 10,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| | | (cost estimates are based upon past experiences of purchases of similar items) | | | - | - | - | - |
| | | Total Equipment | | | 10,000 | - | - | 10,000 |
| E. Travel: | | | | | | | | |
| | | Non-experimental Domestic (full indirect cost) | | | - | - | - | - |
| | | Non-experimental Foreign (full indirect cost) | | | - | - | - | - |
| | | Experimental Domestic (no indirect costs) | | | - | - | - | - |
| | | Experimental Foreign (no indirect cost) | | | - | - | - | - |
| | | Travel-Related Expenses (no indirect cost) | | | - | - | - | - |
| | | Total Travel | | | - | - | - | - |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | | | - | - | - | - |
| | | Graduate Student (0) (on-campus) | | | - | - | - | - |
| | | Graduate Student (0) (off-campus) | | | - | - | - | - |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| | | Participant Total | | | - | - | - | - |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 6,778 | 3,219 | - | 9,997 |
| | | | | | - | - | - | - |
| | | 2. Publications | | | - | - | - | - |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | - | - | - | - |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other | | | - | - | - | - |
| | | (cost estimates are based upon past experiences of similar purchases) | | | | | | |
| | | Total Other | | | 6,778 | 3,219 | - | 9,997 |
| H. Total Direct Costs (A through G) | | | | | 20,093 | | | |
| I. Total Indirect Costs | | | | | | On-campus 4,793 | Off-campus - | 4,793 |
| J. Total Direct and Indirect Costs | | | | | (IC Base) 20,093 | 9,044 | - | 24,887 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 20,093 | 4,793 | - | 24,887 |

Budget Explanation Page, Year 1 (11/01/03-10/31/04)

SU = summer, CY = Calendar

Other Senior Personnel

| | Name | Title | Person-Mos. Year 1 | Funds Requested Year 1 |
|---|-----------------|---------------------|-----------------------|------------------------------|
| 1 | Scooby Doo | Assistant Professor | 2 SU | 7,073 |
| 2 | Power Ranger | Professor | 2 SU | 6,173 |
| 3 | Fred Flintstone | Professor | 2 SU | 7,073 |
| 4 | Barney Rubble | Associate Professor | 2 SU | 7,073 |
| 5 | Spiderman | Assistant Professor | 2 SU | 9,666 |
| 6 | Pretty Princess | Professor | N/A | - |
| | | | Subtotals | 37,058 |

Postdoctoral Associates

| | | | | |
|---|-------------------|---------|------------------|----------------|
| 1 | Red Dodge | Postdoc | 12 CY | 20,600 |
| 2 | Blue Ford | Postdoc | 12 CY | 21,630 |
| 3 | Yellow Hummer | Postdoc | 12 CY | 22,660 |
| 4 | Silver Chrysler | Postdoc | 12 CY | 22,660 |
| 5 | Black Porsche | Postdoc | 12 CY | 22,660 |
| 6 | White BMW | Postdoc | 12 CY | 23,690 |
| 7 | Green Mercedes | Postdoc | 12 CY | 24,401 |
| 8 | White Rolls Royce | Postdoc | 12 CY | 24,720 |
| 9 | Blue Chevy | Postdoc | 12 CY | 23,340 |
| | | | Subtotals | 206,361 |

Other Professionals

| | | | | |
|---|--------|------------|------------------|--------------|
| 1 | Batman | Technician | 10% CY | 2,652 |
| | | | Subtotals | 2,652 |

Graduate Students

| | | | | |
|---|------------|------------------|------------------|----------------|
| 1 | Dancer | Graduate Student | 12 CY | 19,800 |
| 2 | Prancer | Graduate Student | 12 CY | 19,800 |
| 3 | Comet | Graduate Student | 12 CY | 19,800 |
| 4 | Cupid | Graduate Student | 12 CY | 19,800 |
| 5 | Dasher | Graduate Student | 12 CY | 19,800 |
| 6 | Rudolph | Graduate Student | 12 CY | 19,800 |
| 7 | Cinderella | Graduate Student | 12 CY | 19,800 |
| 8 | Snow White | Graduate Student | 12 CY | 19,800 |
| 9 | Dwarf # 1 | Graduate Student | 12 CY | 19,800 |
| | | | Subtotals | 178,200 |

**DE-FG02-91ER12345, Research in Physics - DOE - BrownBag Lunch, Task A, Counter Group:
Donald Duck(11/1/2004-10/31/2005)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 2 |
|--|---------------------|--|----------------|--------------------------|------------------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Donald Duck | Professor | 2 SU mon. | 12,142 | 3,035 | 15,177 | - | 4,090 | 19,267 |
| Barney Rubble | Associate Professor | 2 SU mon. | 7,285 | 1,821 | 9,106 | - | 2,454 | 11,561 |
| | | | - | - | - | - | - | - |
| | | Total Senior Personnel | 19,427 | 4,857 | 24,284 | - | 6,544 | 30,828 |
| B. Other Personnel | | | | | | | | |
| Red Dodge | Postdoc | 100% CY | 21,855 | 5,464 | 27,318 | - | 7,362 | 34,680 |
| Blue Ford | Postdoc | 100% CY | 22,947 | 5,737 | 28,684 | - | 7,730 | 36,414 |
| Yellow Hummer | Postdoc | 100% CY | 23,340 | 5,835 | 29,175 | - | 7,863 | 37,037 |
| Dancer | Grad. Student (off) | 12 mon. stipend | 20,394 | N/A | 20,394 | - | 2,748 | 23,142 |
| Prancer | Grad. Student (off) | 12 mon. stipend | 20,394 | N/A | 20,394 | - | 2,748 | 23,142 |
| Comet | Grad. Student (off) | 12 mon. stipend | 20,394 | N/A | 20,394 | - | 2,748 | 23,142 |
| Cupid | Grad. Student (off) | 12 mon. stipend | 20,394 | N/A | 20,394 | - | 2,748 | 23,142 |
| | | Total Other Personnel | 149,718 | 17,035 | 166,753 | - | 33,948 | 200,701 |
| | | Total Salaries and Wages | 169,144 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 21,892 | | | | |
| | | Total Salaries, Wages and Fringe Benefits | | | 191,037 | - | 40,492 | 231,529 |
| D. Equipment: | | | | | | | | |
| | | Computer Upgrades | | | 5,000 | - | - | 5,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| (cost estimates are based upon past experiences of purchases of similar items) | | | | | | | | |
| | | Total Equipment | | | 5,000 | - | - | 5,000 |
| E. Travel: | | | | | | | | |
| | | Non-experimental Domestic - Conferences (full indirect cost) | | | 3,000 | 1,425 | - | 4,425 |
| | | Non-experimental Foreign - Conferences (full indirect cost) | | | 6,000 | 2,850 | - | 8,850 |
| | | Experimental Domestic (no indirect costs) | | | 30,200 | - | - | 30,200 |
| | | Housing at Fermilab (no indirect cost) | | | 15,000 | - | - | 15,000 |
| (see travel attachment for further details and justification) | | | | | | | | |
| | | Total Travel | | | 54,200 | 4,275 | - | 58,475 |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | | | | | | |
| | | Graduate Student (0) (on-campus) | | | | | | |
| | | Graduate Student (4) (off-campus) | | | 58,916 | - | 7,939 | 66,855 |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| | | Participant Total | | | 58,916 | - | 7,939 | 66,855 |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 6,500 | 3,089 | - | 9,589 |
| | | 2. Publications | | | 2,000 | 950 | - | 2,950 |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | 5,000 | 2,375 | - | 7,375 |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other | | | - | - | - | - |
| (cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| | | Total Other | | | 13,500 | 6,414 | - | 19,914 |
| H. Total Direct Costs (A through G) | | | | | 322,653 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 10,689 | <i>Off-campus</i> 48,431 | 59,119 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 322,653 | 22,502 | 179,707 | 381,772 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 322,653 | 10,689 | 48,431 | 381,772 |

**DE-FG02-91ER40682, Research in Physics - DOE - Brown Bag Lunch, Task B, Colliding Beams Group: Sponge
Bob(11/1/2004-10/31/2005)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 2 |
|---|---|-----------------|----------------|--------------------------|------------------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | 2 SU mon. | 9,685 | 2,421 | 12,106 | - | 3,263 | 15,369 |
| Scooby Doo | Assistant Professor | 2 SU mon. | 7,285 | 1,821 | 9,106 | - | 2,454 | 11,561 |
| Mickey Mouse | Professor | 2 SU mon. | 9,713 | 2,428 | 12,141 | - | 3,272 | 15,413 |
| Total Senior Personnel | | | 26,683 | 6,671 | 33,354 | - | 8,989 | 42,343 |
| B. Other Personnel | | | | | | | | |
| | | | - | - | - | - | - | - |
| Silver Chrysler | Postdoc | 100% CY | 23,340 | 5,835 | 29,175 | - | 7,863 | 37,037 |
| Black Porsche | Postdoc | 100% CY | 23,340 | 5,835 | 29,175 | - | 7,863 | 37,037 |
| White BMW | Postdoc | 100% CY | 24,401 | 6,100 | 30,501 | - | 8,220 | 38,721 |
| Green Mercedes | Postdoc | 100% CY | 25,133 | 6,283 | 31,416 | - | 8,467 | 39,883 |
| Dasher | Grad. Student (off) | 12 mon. stipend | 20,394 | N/A | 20,394 | - | 2,748 | 23,142 |
| Rudolph | Grad. Student (on) | 12 mon. stipend | 20,394 | N/A | 20,394 | 4,844 | - | 25,238 |
| Total Other Personnel | | | 137,001 | 24,053 | 161,055 | 4,844 | 35,160 | 201,058 |
| Total Salaries and Wages | | | 163,685 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 30,724 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 194,409 | 4,844 | 44,149 | 243,401 |
| D. Equipment: | | | | | | | | |
| | KA0101 (40% Technician Salary & Fringe) | | | | 27,941 | - | - | 27,941 |
| | Tools, electronics pool at CERN | | | | 3,000 | - | - | 3,000 |
| | Tools, data tapes at CLEO | | | | 5,000 | - | - | 5,000 |
| (Cost estimates are based upon past experience of purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 35,941 | - | - | 35,941 |
| E. Travel: | | | | | | | | |
| Non-experimental Domestic Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Non-experimental Foreign Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Experimental Domestic (no indirect costs) | | | | | 7,000 | - | - | 7,000 |
| Experimental Foreign (no indirect cost) | | | | | 12,000 | - | - | 12,000 |
| Travel-Related Expenses (no indirect cost) | | | | | 23,000 | - | - | 23,000 |
| (see travel attachment for further breakdown and justification) | | | | | | | | |
| Total Travel | | | | | 52,000 | 4,750 | - | 56,750 |
| F. Trainee / Participant | | | | | | | | |
| 1. Stipends | | | | | - | - | - | - |
| 2. Tuition and Fees Graduate Student (1) (on-campus) | | | | | 14,729 | 3,498 | - | 18,227 |
| Graduate Student (1) (off-campus) | | | | | 14,729 | - | 1,985 | 16,714 |
| 3. Trainee Travel | | | | | - | - | - | - |
| 4. Other | | | | | - | - | - | - |
| Participant Total | | | | | 29,458 | 3,498 | 1,985 | 34,941 |
| G. Other Direct Costs | | | | | | | | |
| 1. Materials & Supplies On-site | | | | | 14,585 | 6,928 | - | 21,513 |
| Off-site at CLEO | | | | | 3,000 | - | 809 | 3,809 |
| 2. Publications | | | | | - | - | - | - |
| 3. Consultant | | | | | - | - | - | - |
| 4. Computer ADP Services | | | | | - | - | - | - |
| 5. Subcontracts | | | | | - | - | - | - |
| 6. Other | | | | | - | - | - | - |
| (Cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| Total Other | | | | | 17,585 | 6,928 | 809 | 25,321 |
| H. Total Direct Costs (A through G) | | | | | 329,392 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 20,020 | <i>Off-campus</i> 46,942 | 66,962 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 329,392 | 20,020 | 46,942 | 396,354 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 329,392 | 20,020 | 46,942 | 396,354 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task D, Computing Group: Sponge Bob
(11/1/2004-10/31/2005)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 2 |
|---|------------|--|--------|--------------------------|-----------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | N/A | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Senior Personnel | - | - | - | - | - | - |
| B. Other Personnel | | | | | | | | |
| Batman | Technician | 10% CY | 2,732 | 683 | 3,414 | 1,622 | - | 5,036 |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Other Personnel | 2,732 | 683 | 3,414 | 1,622 | - | 5,036 |
| | | Total Salaries and Wages | 2,732 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 683 | | | | |
| | | Total Salaries, Wages and Fringe Benefits | | | 3,414 | 1,622 | - | 5,036 |
| D. Equipment: | | | | | | | | |
| | | Computers, Peripherals, Networking Hardware | | | 10,000 | - | - | 10,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| | | (cost estimates are based upon past experiences of purchases of similar items) | | | - | - | - | - |
| | | Total Equipment | | | 10,000 | - | - | 10,000 |
| E. Travel: | | | | | | | | |
| | | Non-experimental Domestic (full indirect cost) | | | - | - | - | - |
| | | Non-experimental Foreign (full indirect cost) | | | - | - | - | - |
| | | Experimental Domestic (no indirect costs) | | | - | - | - | - |
| | | Experimental Foreign (no indirect cost) | | | - | - | - | - |
| | | Travel-Related Expenses (no indirect cost) | | | - | - | - | - |
| | | Total Travel | | | - | - | - | - |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | | | - | - | - | - |
| | | Graduate Student (0) (on-campus) | | | - | - | - | - |
| | | Graduate Student (0) (off-campus) | | | - | - | - | - |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| | | Participant Total | | | - | - | - | - |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 6,778 | 3,220 | - | 9,998 |
| | | | | | - | - | - | - |
| | | 2. Publications | | | - | - | - | - |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | - | - | - | - |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other | | | - | - | - | - |
| | | (cost estimates are based upon past experiences of similar purchases) | | | | | | |
| | | Total Other | | | 6,778 | 3,220 | - | 9,998 |
| H. Total Direct Costs (A through G) | | | | | 20,192 | | | |
| I. Total Indirect Costs | | | | | | On-campus 4,841 | Off-campus - | 4,841 |
| J. Total Direct and Indirect Costs | | | | | (IC Base) 20,192 | 9,135 | - | 25,034 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 20,192 | 4,841 | - | 25,034 |

Budget Explanation Page, Year 2 (11/01/04-10/31/05)

SU = summer, CY = Calendar

Other Senior Personnel

| | Name | Title | Person-Mos. Year 2 | Funds Requested Year 2 |
|---|-----------------|---------------------|-----------------------|------------------------------|
| 1 | Scooby Doo | Assistant Professor | 2 SU | 7,285 |
| 2 | Power Ranger | Professor | 2 SU | 6,358 |
| 3 | Fred Flintstone | Professor | 2 SU | 7,285 |
| 4 | Barney Rubble | Associate Professor | 2 SU | 7,285 |
| 5 | Spiderman | Assistant Professor | 2 SU | 9,956 |
| 6 | Pretty Princess | Professor | N/A | |
| | | | Subtotals | 38,169 |

Postdoctoral Associates

| | | | | |
|---|-------------------|---------|------------------|----------------|
| 1 | Red Dodge | Postdoc | 12 CY | 21,855 |
| 2 | Blue Ford | Postdoc | 12 CY | 22,947 |
| 3 | Yellow Hummer | Postdoc | 12 CY | 23,340 |
| 4 | Silver Chrysler | Postdoc | 12 CY | 23,340 |
| 5 | Black Porsche | Postdoc | 12 CY | 23,340 |
| 6 | White BMW | Postdoc | 12 CY | 24,401 |
| 7 | Green Mercedes | Postdoc | 12 CY | 25,133 |
| 8 | White Rolls Royce | Postdoc | 12 CY | 26,225 |
| 9 | Blue Chevy | Postdoc | 12 CY | 25,504 |
| | | | Subtotals | 216,085 |

Other Professionals

| | | | | |
|---|--------|------------|------------------|--------------|
| 1 | Batman | Technician | 10%CY | 2,732 |
| | | | Subtotals | 2,732 |

Graduate Students

| | | | | |
|---|------------|------------------|------------------|----------------|
| 1 | Dancer | Graduate Student | 12 CY | 20,394 |
| 2 | Prancer | Graduate Student | 12 CY | 20,394 |
| 3 | Comet | Graduate Student | 12 CY | 20,394 |
| 4 | Cupid | Graduate Student | 12 CY | 20,394 |
| 5 | Dasher | Graduate Student | 12 CY | 20,394 |
| 6 | Rudolph | Graduate Student | 12 CY | 20,394 |
| 7 | Cinderella | Graduate Student | 12 CY | 20,394 |
| 8 | Snow White | Graduate Student | 12 CY | 20,394 |
| 9 | Dwarf # 1 | Graduate Student | 12 CY | 20,394 |
| | | | Subtotals | 183,546 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task A, Counter Group:
Donald Duck(11/1/2005-10/31/2006)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 3 |
|--|---------------------|-------------------|----------------|--------------------------|------------------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Donald Duck | Professor | 2 SU mon. | 12,506 | 3,127 | 15,633 | - | 4,213 | 19,846 |
| Barney Rubble | Associate Professor | 2 SU mon. | 7,504 | 1,876 | 9,379 | - | 2,528 | 11,907 |
| | | | - | - | - | - | - | - |
| Total Senior Personnel | | | 20,010 | 5,002 | 25,012 | - | 6,741 | 31,753 |
| B. Other Personnel | | | | | | | | |
| Red Dodge | Postdoc | 100% CY | 22,511 | 5,628 | 28,138 | - | 7,583 | 35,722 |
| Blue Ford | Postdoc | 100% CY | 23,635 | 5,909 | 29,544 | - | 7,962 | 37,506 |
| Yellow Hummer | Postdoc | 100% CY | 24,040 | 6,010 | 30,050 | - | 8,099 | 38,149 |
| Dancer | Grad. Student (off) | 12 mon. stipend | 21,006 | N/A | 21,006 | - | 2,831 | 23,836 |
| Prancer | Grad. Student (off) | 12 mon. stipend | 21,006 | N/A | 21,006 | - | 2,831 | 23,836 |
| Comet | Grad. Student (off) | 12 mon. stipend | 21,006 | N/A | 21,006 | - | 2,831 | 23,836 |
| Cupid | Grad. Student (off) | 12 mon. stipend | 21,006 | N/A | 21,006 | - | 2,831 | 23,836 |
| Total Other Personnel | | | 154,210 | 17,547 | 171,756 | - | 34,966 | 206,722 |
| Total Salaries and Wages | | | 174,219 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 22,549 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 196,768 | - | 41,707 | 238,475 |
| D. Equipment: | | | | | | | | |
| | | Computer Upgrades | | | 5,000 | - | - | 5,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| (cost estimates are based upon past experiences of purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 5,000 | - | - | 5,000 |
| E. Travel: | | | | | | | | |
| Non-experimental Domestic - Conferences (full indirect cost) | | | | | 3,000 | 1,425 | - | 4,425 |
| Non-experimental Foreign - Conferences (full indirect cost) | | | | | 6,000 | 2,850 | - | 8,850 |
| Experimental Domestic (no indirect costs) | | | | | 30,200 | - | - | 30,200 |
| Housing at Fermilab (no indirect cost) | | | | | 15,000 | - | - | 15,000 |
| (see travel attachment for further details and justification) | | | | | | | | |
| Total Travel | | | | | 54,200 | 4,275 | - | 58,475 |
| F. Trainee / Participant | | | | | | | | |
| 1. Stipends | | | | | - | - | - | - |
| 2. Tuition and Fees Graduate Student (0) (on-campus) | | | | | - | - | - | - |
| Graduate Student (4) (off-campus) | | | | | 60,683 | - | 8,177 | 68,861 |
| 3. Trainee Travel | | | | | - | - | - | - |
| 4. Other | | | | | - | - | - | - |
| Participant Total | | | | | 60,683 | - | 8,177 | 68,861 |
| G. Other Direct Costs | | | | | | | | |
| 1. Materials & Supplies On-site | | | | | 6,500 | 3,089 | - | 9,589 |
| 2. Publications | | | | | 2,000 | 950 | - | 2,950 |
| 3. Consultant | | | | | - | - | - | - |
| 4. Computer ADP Services | | | | | 5,000 | 2,375 | - | 7,375 |
| 5. Subcontracts | | | | | - | - | - | - |
| 6. Other | | | | | - | - | - | - |
| (cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| Total Other | | | | | 13,500 | 6,414 | - | 19,914 |
| H. Total Direct Costs (A through G) | | | | | 330,152 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 10,689 | <i>Off-campus</i> 49,884 | 60,573 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 330,152 | 10,689 | 49,884 | 390,724 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 330,152 | 10,689 | 49,884 | 390,724 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task B, Colliding Beams Group: Sponge
Bob(11/1/2005-10/31/2006)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 3 |
|---|---|-----------------|----------------|--------------------------|------------------------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | 2 SU mon. | 9,976 | 2,494 | 12,469 | - | 3,361 | 15,830 |
| Scooby Doo | Assistant Professor | 2 SU mon. | 7,504 | 1,876 | 9,379 | - | 2,528 | 11,907 |
| Mickey Mouse | Professor | 2 SU mon. | 10,004 | 2,501 | 12,505 | - | 3,370 | 15,876 |
| Total Senior Personnel | | | 27,483 | 6,871 | 34,354 | - | 9,259 | 43,613 |
| B. Other Personnel | | | | | | | | |
| | | | - | - | - | - | - | - |
| Silver Chrysler | Postdoc | 100% CY | 24,040 | 6,010 | 30,050 | - | 8,099 | 38,149 |
| Black Porsche | Postdoc | 100% CY | 24,040 | 6,010 | 30,050 | - | 8,099 | 38,149 |
| White BMW | Postdoc | 100% CY | 25,133 | 6,283 | 31,416 | - | 8,467 | 39,883 |
| Green Mercedes | Postdoc | 100% CY | 25,887 | 6,472 | 32,359 | - | 8,721 | 41,079 |
| Dasher | Grad. Student (off) | 12 mon. stipend | 21,006 | N/A | 21,006 | - | 2,831 | 23,836 |
| Rudolph | Grad. Student (on) | 12 mon. stipend | 21,006 | N/A | 21,006 | 4,989 | - | 25,995 |
| Total Other Personnel | | | 141,112 | 24,775 | 165,887 | 4,989 | 36,215 | 207,091 |
| Total Salaries and Wages | | | 168,596 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 31,646 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 200,242 | 4,989 | 45,473 | 250,704 |
| D. Equipment: | | | | | | | | |
| | KA0101 (40% Technician Salary & Fringe) | | | | 28,779 | - | - | 28,779 |
| | Tools, electronics pool at CERN | | | | 3,000 | - | - | 3,000 |
| | Tools, data tapes at CLEO | | | | 5,000 | - | - | 5,000 |
| (Cost estimates are based upon past experience of purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 36,779 | - | - | 36,779 |
| E. Travel: | | | | | | | | |
| Non-experimental Domestic Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Non-experimental Foreign Conferences (full indirect cost) | | | | | 5,000 | 2,375 | - | 7,375 |
| Experimental Domestic (no indirect costs) | | | | | 7,000 | - | - | 7,000 |
| Experimental Foreign (no indirect cost) | | | | | 12,000 | - | - | 12,000 |
| Travel-Related Expenses (no indirect cost) | | | | | 23,000 | - | - | 23,000 |
| (see travel attachment for further breakdown and justification) | | | | | | | | |
| Total Travel | | | | | 52,000 | 4,750 | - | 56,750 |
| F. Trainee / Participant | | | | | | | | |
| 1. Stipends | | | | | - | - | - | - |
| 2. Tuition and Fees Graduate Student (1) (on-campus) | | | | | 15,171 | 3,603 | - | 18,774 |
| Graduate Student (1) (off-campus) | | | | | 15,171 | - | 2,044 | 17,215 |
| 3. Trainee Travel | | | | | - | - | - | - |
| 4. Other | | | | | - | - | - | - |
| Participant Total | | | | | 30,342 | 3,603 | 2,044 | 35,989 |
| G. Other Direct Costs | | | | | | | | |
| 1. Materials & Supplies On-site | | | | | 14,585 | 6,928 | - | 21,513 |
| Off-site at CLEO | | | | | 3,000 | - | 809 | 3,809 |
| 2. Publications | | | | | - | - | - | - |
| 3. Consultant | | | | | - | - | - | - |
| 4. Computer ADP Services | | | | | - | - | - | - |
| 5. Subcontracts | | | | | - | - | - | - |
| 6. Other | | | | | - | - | - | - |
| (Cost estimates are based upon past experience of similar purchases) | | | | | | | | |
| Total Other | | | | | 17,585 | 6,928 | 809 | 25,321 |
| H. Total Direct Costs (A through G) | | | | | 336,947 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 20,270 | <i>Off-campus</i> 48,326 | 68,596 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 336,947 | 20,270 | 48,326 | 405,543 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 336,947 | 20,270 | 48,326 | 405,543 |

**DE-FG02-91ER12345, Research in Physics - DOE - Brown Bag Lunch, Task C, TheoryGroup:
Sylvester (11/1/2005-10/31/2006)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.5%) | Total Costs Year 3 |
|---|---------------------|--|-----------------------------------|--------------------------|------------------------------------|--|---|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sylvester | Professor | 2 SU mon. | 10,505 | 2,626 | 13,131 | 6,237 | - | 19,369 |
| Power Ranger | Professor | 2 SU mon. | 6,549 | 1,637 | 8,186 | 3,888 | - | 12,074 |
| Fred Flintstone | Professor | 2 SU mon. | 7,504 | 1,876 | 9,379 | 4,455 | - | 13,835 |
| Spiderman | Associate Professor | 2 SU mon. | 10,255 | 2,564 | 12,818 | 6,089 | - | 18,907 |
| Pretty Princess | Professor Emeritus | N/A | - | - | - | - | - | - |
| Total Senior Personnel | | | 34,812 | 8,703 | 43,515 | 20,670 | - | 64,185 |
| B. Other Personnel | | | | | | | | |
| White Rolls Royce | Postdoc | 100% CY | 26,225 | 6,556 | 32,781 | 15,571 | - | 48,352 |
| Blue Chevy | Postdoc | 100% CY | 25,504 | 6,376 | 31,880 | 15,143 | - | 47,023 |
| Cinderella | Grad. Student (on) | 12 mon. stipend | 21,006 | N/A | 21,006 | 4,989 | - | 25,995 |
| Snow White | Grad. Student (on) | 12 mon. stipend | 21,006 | N/A | 21,006 | 4,989 | - | 25,995 |
| Dwarf # 1 | Grad. Student (on) | 12 mon. stipend | 21,006 | N/A | 21,006 | 4,989 | - | 25,995 |
| | | | - | N/A | - | - | - | - |
| Total Other Personnel | | | 114,746 | 12,932 | 127,679 | 45,681 | - | 173,359 |
| Total Salaries and Wages | | | 149,558 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 21,635 | | | | |
| Total Salaries, Wages and Fringe Benefits | | | | | 171,194 | 66,350 | - | 237,544 |
| D. Equipment: | | | | | | | | |
| | | Replacement PC (3) | | | 6,000 | - | - | 6,000 |
| | | | | | - | - | - | - |
| | | | | | - | - | - | - |
| | | | | | - | - | - | - |
| (cost estimates are based upon past purchases of similar items) | | | | | | | | |
| Total Equipment | | | | | 6,000 | - | - | 6,000 |
| E. Travel: | | | | | | | | |
| | | Domestic - Conferences (full indirect cost) | | | 6,300 | 2,993 | - | 9,293 |
| | | Foreign - Conferences (full indirect cost) | | | 6,300 | 2,993 | - | 9,293 |
| | | Theoretical Domestic - (off-campus indirect costs) | | | 10,000 | - | 2,695 | 12,695 |
| | | Theoretical Foreign - (off-campus indirect costs) | | | 10,000 | - | 2,695 | 12,695 |
| | | | | | - | - | - | - |
| (see travel attachment for further breakdown and justification) | | | | | | | | |
| Total Travel | | | | | 32,600 | 5,985 | 5,390 | 43,975 |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | Graduate Student (3) (on-campus) | | 45,513 | 10,809 | - | 56,322 |
| | | | Graduate Student (0) (off-campus) | | - | - | - | - |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| Participant Total | | | | | 45,513 | 10,809 | - | 56,322 |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies | On-site | | 8,171 | 3,880 | - | 12,051 |
| | | | | | - | - | - | - |
| | | 2. Publications | | | 1,500 | 713 | - | 2,213 |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | - | - | - | - |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other (copying, mailing and computer software) | | | 4,130 | 1,962 | - | 6,092 |
| (cost estimates are based upon previous purchases) | | | | | | | | |
| Total Other | | | | | 13,801 | 6,554 | - | 20,355 |
| H. Total Direct Costs (A through G) | | | | | 269,107 | | | |
| I. Total Indirect Costs | | | | | | <i>On-campus</i> 89,699 | <i>Off-campus</i> 5,390 | 95,089 |
| J. Total Direct and Indirect Costs | | | | | <i>(IC Base)</i> 269,107 | 89,699 | 5,390 | 364,196 |
| K. Required Cost Sharing | | | | | - | - | - | - |
| L. Total Project Costs | | | | | 269,107 | 89,699 | 5,390 | 364,196 |

**DE-FG02-91ER12345, Research in Physics -DOE- Brown Bag Lunch, Task D, Computing Group: Sponge Bob
(11/1/2005-10/31/2006)**

BUDGET EXPLANATION PAGE for Completing DOE form 4620.1 Budget Page

| Name | Title | Support | Salary | Fringe Benefits (25%) | Total Direct Costs | Indirect Costs (ON-campus 47.5%) | Indirect Costs (OFF-campus 26.95%) | Total Costs Year 3 |
|---|------------|--|--------|--------------------------|-----------------------|--|--|-----------------------|
| A. Senior Personnel | | | | | | | | |
| Sponge Bob | Professor | N/A | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Senior Personnel | - | - | - | - | - | - |
| B. Other Personnel | | | | | | | | |
| Spiderman | Technician | 10% CY | 2,814 | 703 | 3,517 | 1,672 | - | 5,189 |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | | - | - | - | - | - | - |
| | | Total Other Personnel | 2,814 | 703 | 3,517 | 1,672 | - | 5,189 |
| | | Total Salaries and Wages | 2,814 | | | | | |
| C. Fringe Benefits (25% excluding graduate student stipends) | | | | 703 | | | - | - |
| | | Total Salaries, Wages and Fringe Benefits | | | 3,517 | 1,672 | - | 5,189 |
| D. Equipment: | | | | | | | | |
| | | Computers, Peripherals, Networking Hardware | | | 10,000 | - | - | 10,000 |
| | | | | | | - | - | - |
| | | | | | | - | - | - |
| | | (cost estimates are based upon past experiences of purchases of similar items) | | | - | - | - | - |
| | | Total Equipment | | | 10,000 | - | - | 10,000 |
| E. Travel: | | | | | | | | |
| | | Non-experimental Domestic (full indirect cost) | | | - | - | - | - |
| | | Non-experimental Foreign (full indirect cost) | | | - | - | - | - |
| | | Experimental Domestic (no indirect costs) | | | - | - | - | - |
| | | Experimental Foreign (no indirect cost) | | | - | - | - | - |
| | | Travel-Related Expenses (no indirect cost) | | | - | - | - | - |
| | | Total Travel | | | - | - | - | - |
| F. Trainee / Participant | | | | | | | | |
| | | 1. Stipends | | | - | - | - | - |
| | | 2. Tuition and Fees | | | - | - | - | - |
| | | Graduate Student (0) (on-campus) | | | - | - | - | - |
| | | Graduate Student (0) (off-campus) | | | - | - | - | - |
| | | 3. Trainee Travel | | | - | - | - | - |
| | | 4. Other | | | - | - | - | - |
| | | Participant Total | | | - | - | - | - |
| G. Other Direct Costs | | | | | | | | |
| | | 1. Materials & Supplies On-site | | | 6,778 | 3,220 | - | 9,998 |
| | | | | | - | - | - | - |
| | | 2. Publications | | | - | - | - | - |
| | | 3. Consultant | | | - | - | - | - |
| | | 4. Computer ADP Services | | | - | - | - | - |
| | | 5. Subcontracts | | | - | - | - | - |
| | | 6. Other | | | - | - | - | - |
| | | (cost estimates are based upon past experiences of similar purchases) | | | | | | |
| | | Total Other | | | 6,778 | 3,220 | - | 9,998 |
| H. | | Total Direct Costs (A through G) | | | 20,295 | | | |
| I. | | Total Indirect Costs | | | | 4,891 | - | 4,891 |
| | | | | | (IC Base) | 9,229 | - | |
| J. | | Total Direct and Indirect Costs | | | 20,295 | 4,891 | - | 25,187 |
| K. | | Required Cost Sharing | | | - | - | - | - |
| L. | | Total Project Costs | | | 20,295 | 4,891 | - | 25,187 |

Budget Explanation Page, Year 3 (11/01/05-10/31/06)

SU = summer, CY = Calendar

Other Senior Personnel

| | Name | Title | Person-Mos. Year 3 | Funds Requested Year 3 |
|---|-----------------|---------------------|-----------------------|------------------------------|
| 1 | Scooby Doo | Assistant Professor | 2 SU | 7,504 |
| 2 | Power Ranger | Professor | 2 SU | 6,549 |
| 3 | Fred Flintstone | Professor | 2 SU | 7,504 |
| 4 | Barney Rubble | Associate Professor | 2 SU | 7,504 |
| 5 | Spiderman | Assistant Professor | 2 SU | 10,255 |
| 6 | Pretty Princess | Professor | N/A | |
| | | | Subtotals | 39,316 |

Postdoctoral Associates

| | | | | |
|---|-------------------|---------|------------------|----------------|
| 1 | Red Dodge | Postdoc | 12 CY | 22,511 |
| 2 | Blue Ford | Postdoc | 12 CY | 23,635 |
| 3 | Yellow Hummer | Postdoc | 12 CY | 24,040 |
| 4 | Silver Chrysler | Postdoc | 12 CY | 24,040 |
| 5 | Black Porsche | Postdoc | 12 CY | 24,040 |
| 6 | White BMW | Postdoc | 12 CY | 25,133 |
| 7 | Green Mercedes | Postdoc | 12 CY | 25,887 |
| 8 | White Rolls Royce | Postdoc | 12 CY | 26,225 |
| 9 | Blue Chevy | Postdoc | 12 CY | 25,504 |
| | | | Subtotals | 221,015 |

Other Professionals

| | | | | |
|---|--------|------------|------------------|--------------|
| 1 | Batman | Technician | 10% CY | 2,814 |
| | | | Subtotals | 2,814 |

Graduate Students

| | | | | |
|---|------------|------------------|------------------|----------------|
| 1 | Dancer | Graduate Student | 12 CY | 21,006 |
| 2 | Prancer | Graduate Student | 12 CY | 21,006 |
| 3 | Comet | Graduate Student | 12 CY | 21,006 |
| 4 | Cupid | Graduate Student | 12 CY | 21,006 |
| 5 | Dasher | Graduate Student | 12 CY | 21,006 |
| 6 | Rudolph | Graduate Student | 12 CY | 21,006 |
| 7 | Cinderella | Graduate Student | 12 CY | 21,006 |
| 8 | Snow White | Graduate Student | 12 CY | 21,006 |
| 9 | Dwarf # 1 | Graduate Student | 12 CY | 21,006 |
| | | | Subtotals | 189,054 |