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## U. S. Department of Energy Budget Page

(See reverse for Instructions)

OMB Control No. 1910-1400 OMB Burden Disclosure Statement on Reverse

| CAK KUJAF NATUNAL LABUKATUKY  | ORGANIZATION  OAK RIDGE NATIONAL LABORATORY |             |           | Budget Page No:                                  | YR 3    | -                |
|---|---|-------------|-----------|--|---------|------------------|
| PRINCIPAL INVESTIGATOR/PROJECT DIRECTOR   |   |             |           | Requested Duration:                              | 12      | (Months)         |
| Thomas Evans  |   |             |           | Requested Duration.                              | - 12    | - (MOHUIS        |
| A. SENIOR PERSONNEL: PI/PD, Co-PI's, Faculty and Other Senior Associates  | [   | OOE Funded  | ı         |  |         |                  |
| (List each separately with title; A.6. show number in brackets)   |   | Person-mos. |           | Funds Requested                                  | Funds G | anted            |
| ·<br>   | CAL   | ACAD        | SUMR      | by Applicant                                     | by D    | OE               |
| 1. Thomas Evans   | 3.00  |             |           | \$35,712   |         |                  |
| 2. Steven Hamilton  | 6.00  |             |           | \$45,504   |         |                  |
| 3. Wayne Joubert  | 3.00  |             |           | \$29,376   |         |                  |
| 4. Christian Engelman   | 3.00  |             |           | \$23,040   |         |                  |
| 5.  |   |             |           |  |         |                  |
| 6. ( ) OTHERS (LIST INDIVIDUALLY ON BUDGET EXPLANATION PAGE)  |   |             |           |  |         |                  |
| 7. ( 4 ) TOTAL SENIOR PERSONNEL (1-6)   | 15.00                                       |             |           | \$133,632  |         |                  |
| B. OTHER PERSONNEL (SHOW NUMBERS IN BRACKETS)   | 1000000                                     |             |           |  |         |                  |
| I. ( ) POST DOCTORAL ASSOCIATES   |   |             |           |  |         |                  |
| 2. ( ) OTHER PROFESSIONAL (TECHNICIAN, PROGRAMMER, ETC.)  |   |             |           |  |         |                  |
| 3. ( ) GRADUATE STUDENTS  |   |             |           |  |         |                  |
| I. ( ) UNDERGRADUATE STUDENTS   |   |             |           |  |         |                  |
| 5. ( ) SECRETARIAL - CLERICAL   |   |             |           |  |         |                  |
| G. ( ) OTHER ORNL SERVICES  |   |             |           |  |         |                  |
| TOTAL SALARIES AND WAGES (A+B)  |   |             | \$133,632 |  |         |                  |
| FRINGE BENEFITS (IF CHARGED AS DIRECT COSTS)  |   |             | \$98,368  |  |         |                  |
| TOTAL SALARIES, WAGES AND FRINGE BENEFITS (A+B+C)   |   |             |           | \$232,000  |         |                  |
| ). PERMANENT EQUIPMENT (LIST ITEM AND DOLLAR AMOUNT FOR EACH ITEM.)   |   |             |           |  |         |                  |
| TOTAL PERMANENT EQUIPMENT   |   |             |           |  |         |                  |
| TRAVEL     1. DOMESTIC (INCL. CANADA AND U.S. POSSE:  | CCIONC)                                     |             |           | \$4,000  |         |                  |
| 2. FOREIGN  | 3310113)                                    |             |           | Ψ4,000   |         |                  |
| Z. TOKEIGN  |   |             |           |  |         |                  |
|   |   |             |           |  |         | 000000           |
| TOTAL TRAVEL  |   |             |           | \$4.000  |         |                  |
| TOTAL TRAVEL  TRAINFF/PARTICIPANT COSTS   |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS   |   |             |           | \$4,000  |         | 300000<br>400000 |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES   |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES   |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS  ( ) TOTAL COST  |   |             |           |  |         |                  |
| . TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS  ( ) TOTAL COST  5. OTHER DIRECT COSTS   |   |             |           | \$4,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  5. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES   |   |             |           |  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS  ( ) TOTAL COST  6. OTHER DIRECT COSTS   |   |             |           |  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  5. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES   |   |             |           |  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  6. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  |   |             |           |  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  6. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES   |   |             |           |  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  5. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS   |   |             |           | \$6,000  |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page) 2. TUTION & FEES 3. TRAINEE TRAVEL 4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST 5. OTHER DIRECT COSTS 1. MATERIALS AND SUPPLIES 2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION 3. CONSULTANT SERVICES 4. COMPUTER (ADPE) SERVICES 5. SUBCONTRACTS 6. OTHER ORGANIZATION DIVISION ADMINISTRATION TOTAL OTHER DIRECT COSTS  |   |             |           | \$6,000<br>\$101,000                             |         | 222222           |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  5. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS  6. OTHER ORGANIZATION DIVISION ADMINISTRATION  TOTAL OTHER DIRECT COSTS  4. TOTAL DIRECT COSTS (A THROUGH G)   |   |             |           | \$6,000<br>\$101,000<br>\$107,000                |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  5. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS  6. OTHER ORGANIZATION DIVISION ADMINISTRATION  TOTAL OTHER DIRECT COSTS  4. TOTAL DIRECT COSTS (A THROUGH G)  INDIRECT COSTS (SPECIFY RATE AND BASE)   |   |             |           | \$101,000<br>\$107,000<br>\$143,000              |         |                  |
| F. TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  G. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS  6. OTHER ORGANIZATION DIVISION ADMINISTRATION  TOTAL OTHER DIRECT COSTS  H. TOTAL DIRECT COSTS (A THROUGH G)  |   |             |           | \$101,000<br>\$107,000<br>\$143,000              |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  G. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS  6. OTHER ORGANIZATION DIVISION ADMINISTRATION  TOTAL OTHER DIRECT COSTS  H. TOTAL DIRECT COSTS (A THROUGH G)  INDIRECT COSTS (SPECIFY RATE AND BASE)  PLEASE SEE BUDGET EXPLANATION PAGE FOR DETAILS                       |   |             |           | \$6,000<br>\$101,000<br>\$107,000<br>\$343,000   |         |                  |
| TRAINEE/PARTICIPANT COSTS  1. STIPENDS (Itemize levels, types + totals on budget justification page)  2. TUITION & FEES  3. TRAINEE TRAVEL  4. OTHER (fully explain on justification page)  TOTAL PARTICIPANTS ( ) TOTAL COST  6. OTHER DIRECT COSTS  1. MATERIALS AND SUPPLIES  2. PUBLICATION COSTS/DOCUMENTATION/DISSEMINATION  3. CONSULTANT SERVICES  4. COMPUTER (ADPE) SERVICES  5. SUBCONTRACTS  6. OTHER ORGANIZATION DIVISION ADMINISTRATION  TOTAL OTHER DIRECT COSTS  H. TOTAL DIRECT COSTS (A THROUGH G)  INDIRECT COSTS (SPECIFY RATE AND BASE)  PLEASE SEE BUDGET EXPLANATION PAGE FOR DETAILS  TOTAL INDIRECT COSTS |   |             |           | \$101,000<br>\$107,000<br>\$143,000<br>\$119,000 |         |                  |