

# Budget Justification Narrative Guidelines

(Use for Single and Multiple Year Budgets)

## A. PERSONNEL: SALARIES, WAGES & FRINGE BENEFITS

**Joseph Johnson, Ph.D.**, Principal Investigator. Dr Johnson will be responsible for the overall direction and conduct for the project. He will be involved in designing experiments, analyzing data and interpreting the results, writing manuscripts and progress reports, presenting the results, and attending conferences and meetings. Dr. Johnson's expertise in the field of developmental alcohol exposure and embryology is critical to the success of this project with respect to the direction of current and future research. He will spend at least 25% of his time on this project. Twenty-five percent (25%) of his salary is being requested for the nine month duration of the project.

**Angela Brown, Ph.D.**, Co-Principal Investigator. Dr. Brown will be responsible for training the research team members in performing techniques of subtractive hybridization and real-time PCR, and interpreting the outcome of the experiments involving gene expression. Dr. Brown's expertise in molecular biology and her knowledge of differential gene expression (via differential display) are critical to her involvement in this project. The PI has collaborated with Dr. Brown. Dr. Brown will spend 25% of her time on the project, and thus, twenty-five percent (25%) of her salary is being requested for three summer months.

**Karren Hill**, Graduate Research Assistant. Ms. Hill will be responsible for carrying out the daily activities of the project and ensuring that the individual aspects of the project are completed in a timely manner. She will assist the student worker with the daily maintenance of the adult fish, and will administer treatments to the embryos. She will be trained by Dr. Johnson on the specific molecular techniques to recognize and quantify the various aspects of embryonic dysmorphologies resulting from developmental alcohol exposure. She will spend 100% of her time on this project, and that is the amount requested for her salary.

### FRINGE BENEFITS

- Fringe benefits for Dr. Johnson and Dr. Brown are calculated at a rate of 32%.
- Fringe benefits for Karren Hill are calculated at a rate of 10% + 182 per month for insurance

## B. TRAVEL

Domestic travel for Dr. Johnson, Dr. Brown and Karren Hill to attend a National Science Foundation Conference in New York City, NY. The purpose of this travel is present the findings of the research. Estimated costs of travel will be \$4,526 for all three persons.

**C. CAPITAL EQUIPMENT  $\geq$  \$5,000**

None requested.

**D. SUPPLIES**

A total of \$5,700 will be used to purchase lab supplies, chemicals and plastic & glass ware needed to conduct this study.

**E. OTHER COSTS**

Consultant Services – Services for an external evaluation consultant to advise on design and start-up of evaluation plan, \$2,000.

Annual Program Symposium: research presentations by project students, faculty and guests, \$4,000.

Research retreat: Funds for a 3 day retreat for all fellows and faculty, focusing on communication and diversity issues, \$6000.

**F. SUBCONTRACTS**

None requested.

**I. INDIRECT COSTS**

The universities federally negotiated rate of 39% is calculated on salary, wages & fringe benefits.

**Total Direct Costs: \$86,010**

**To Indirect Costs: \$24,876**

**Total Project Costs: \$ 110,886**