

REPORT OF AWARDS

For the Month of October/2004

| <u>Department</u> | <u>Investigator</u> | <u>Sponsor</u> | <u>Title</u> | <u>Amount</u> |
|--|--|-------------------------------|---|---------------|
| BIOMEDICAL ENGINEERING | Shonat, R. D. | Whitaker Foundation | Three Dimensional Imaging of Oxygen Tension in Diabetic | \$ 79,660 |
| CHEMICAL ENGINEERING | Ma, Y. H. | DOE | Sulfur-Tolerant Palladium-Copper Alloy Membranes for Hydrogen Separation with High Pressure CO2 For Sequestration | \$ 192,000 |
| CIVIL & ENVIRONMENTAL ENGINEERING | Mallick, R. B. | Chase Corporation | Evaluation of Rutting and Shoving Potential of Rosphalt RX | \$ 4,558 |
| | Mallick, R. B. | Maine Dept. Of Transportation | Determination of Laboratory and In-Place Structural Strength Related Properties of Hot Mix Asphalt | \$ 100,668 |
| COMPUTER SCIENCE | Heffernan, N. | DOD/Navy | Affordable Cognitive Modeling Authoring Tools Using HCI Methods | \$ 50,000 |
| ELECTRICAL & COMPUTER ENGINEERING | Cyganski, D. | Raytheon | Multi Objective Routing Control and Optimization for hc3 Networks | \$ 90,000 |
| | Orr, J. *Cyganski, D. *Michalson, W. | US Department of Justice | Precision Indoor/Outdoor Personnel Location System | \$ 148,422 |

**MATHEMATICAL
SCIENCE**

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|--|-------------------|---|----|---------|
| Heinricher, A. *Vernescu, B. *Weekes, S. | Boston University | Focus on Mathematics: Creating Learning Cultures for High Student Achievement | \$ | 77,973 |
| Walker, H. | DOE | Nonlinear Equations Research | \$ | 97,719 |
| *CPI | | Total | \$ | 841,000 |