

**Department of Physics**  
**Two Graduate Research Assistant Positions for Summer 2006**

Two Graduate Research Assistantships are now available for Summer Quarter 2006. The Research Assistantships are funded 50%, which requires 220 hours of work per quarter. They involve working with Professor Thompson (Toby) Burnett to support research on the GLAST III.

GLAST is an NASA/DOE funded mission, with significant international help from France, Italy, Japan, and Sweden, to detect gamma rays in low Earth orbit. There are many interesting science topics, including the possibility of detecting annihilation of dark matter. Launch is scheduled for September 2007.

At the UW, we are responsible for several details in the simulation used to prepare for launch: the background model, inserting gamma-ray sources, the orbit and attitude, applying trigger conditions, collection of these data for analysis. In addition we have interests in managing and analyzing the data, particularly in detecting and analyzing faint sources.

Duties may include those listed at: [http://www.phys.washington.edu/RA\\_duties.pdf](http://www.phys.washington.edu/RA_duties.pdf)

**Requirements:**

- Enrollment in the Physics PhD Program
- Should have some experience with using computers for data analysis.
- Knowledge of C++ and/or python would be very desirable.

The University of Washington is an equal opportunity, affirmative action employer.  
[http://www.washington.edu/admin/eoo/EOO\\_policy\\_01.html](http://www.washington.edu/admin/eoo/EOO_policy_01.html)

For more information please contact Professor Thompson (Toby) Burnett (PAB Room B-201), [tburnett@u.washington.edu](mailto:tburnett@u.washington.edu) or tel. 206-543-8963.

If interested, please respond by **Monday, May 15, 2006**.