

# Dreamer

Verification and Validation Lab

September 16, 2003

The Dreamer position builds credibility for the lab by searching the research frontier for new avenues of exploration. This gives the lab fluency in the field and provides a continuous stream of new ideas and technologies to research. The Dreamer builds confidence in the lab through demonstrating the breadth and depth of the largely unexplored verification and validation field.

## Expected Results

A database of worthwhile research ideas appropriate to several levels of maturity from immersion projects to grant proposals. A continuous flow of research ideas into the database that probe into the frontier of verification and validation work.

## Accountabilities

The Dreamer is accountable for generating regular white papers on new research and immersion projects—see the `white-paper.tex` file for a template and guidelines on writing white papers. The Dreamer is to maintain a database of the white papers indexed by project level and assist lab members in finding appropriate projects. The Dreamer maintains an operations manual in a CVS repository on how to be a good Dreamer.

## Evaluation Standards

The Dreamer will be evaluated on the quality of the generated white papers. Specifically, are the white papers timely and appropriate for the lab? Are they complete? Has a white paper lead to publishable work? Has the paper lead to grant awards or other research support? Did a white paper help a lab member progress in confidence? The Dreamer will be evaluated on how quickly the next Dreamer becomes functional.