



## California Space Grant in the 46th District

With support from the California Space Grant Consortium, six undergraduate students at CSU Long Beach, led the development of the Prospector-17 Rocket.

The P-17 is a high performance, low cost, bi-propellant prototype launch vehicle developed as part of the California Launch Vehicle Education Initiative (CALVEIN), a partnership between CSULB and Garvey Spacecraft Corporation.

The P-17 is a test bed for future technology developments in the areas of control systems, wireless communication, propulsion systems and others. The rocket design, fabrication and performance is documented by the students so that the vehicle can be reproduced quickly by the next generation of students as others transition to industry.

Involvement in this hands-on student-mentor project provides undergraduate students with the technical and systems engineering experience needed for the 21<sup>st</sup> century workforce needs of NASA and the high tech industry.



Part of the P-17 team working on final integration activities.