



## **The Right Stuff of Tahoe, Incorporated**

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*Dr. Laurence E. LaForge named  
1997 NASA/ASEE Summer Faculty Fellow  
at Jet Propulsion Laboratory*

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Press Release, 17-May-1997

### **Dr. Laurence E. LaForge named 1997 NASA/ASEE Summer Faculty Fellow at Jet Propulsion Laboratory**

The American Society for Engineering Education and National Aeronautics and Space Administration have selected Dr. Laurence E. LaForge as a 1997 Summer Faculty Fellow.

LaForge will represent Embry-Riddle Aeronautical University, where he is Assistant Professor of Mathematics and Computer Science. In addition, he will be on temporary leave from his position at The Right Stuff of Tahoe, where he serves as president.

While in residence at JPL in Pasadena, California, Dr. LaForge will contribute to spaceflight software fault tolerance, as an embedded member of a team making use of the *Mars Pathfinder* technologies. He will collaborate with Dr. Daniel Erickson, spaceflight software project leader for *Deep Space One*, the first probe propelled by an ion engine.

Designed for an up-close fly-by of an asteroid, *Deep Space One* is a demonstration of NASA's ability to prepare and launch scientific probes in about one-third the time and cost of previous missions. As underscored by the delay of the first shuttle orbiter and, more recently, of the crash of the *Ariane 5* rocket, a critical component of space probes centers in the flight software. Dr. LaForge is working to quantify the reliability of this software. By learning from *Deep Space One*, future missions may be able to predict and minimize failures and faults in flight software.

Dr. LaForge is a graduate of MIT and McGill University.