

## *SPRING 2009 Undergraduate Research in Solar Astrophysics*



<http://www.lmsal.com/>



<http://solar-center.stanford.edu/>

Solar astrophysics is becoming even more exciting with the advent of new solar observing satellites, and with increasing solar magnetic activity (the approach of “solar max”). Our new research project with Lockheed Martin Solar and Astrophysics Laboratory (LMSAL) in Palo Alto, CA, is just down the road from Stanford. **One goal of this spring contract is to prepare students to participate in summer research in solar physics, this year or in the future.**

In summer 2009 we expect to bring 2 or more Evergreen students to Palo Alto to do solar physics research with Dr. Neal Hurlburt, an Evergreen alum and a senior scientist at Lockheed Martin Solar and Astrophysics Laboratory LMSAL. Expenses will be paid, (as well as a nice stipend or credits – your choice).

(See <http://academic.evergreen.edu/z/zita/research/09LMSAL/ResearchOpp.pdf> for more information on the Lockheed project, and please attend the information **meeting with Dr. Hurlburt on Monday 9 March at 11:00** in [Sem 2 A3109](#))

**If you are interested** in this research opportunity, or in learning more about the magnetic activity of the Sun at an intermediate to advanced level, **you are invited** to join Dr. Zita for a small Undergraduate Research contract this spring.

**Please come to Lab II Rm 2270** (fishbowl) during Academic Fair on **4 March 2009 between 4-5 pm** if you would like to discuss this spring research contract.

**Prerequisites:** Calculus-based physics and/or experience with Unix-based operating system; sophomore or above.

Dr. E.J. Zita will mentor Evergreen students’ work before, during, and after the summer internship.

**Questions? email [zita\(at\)evergreen.edu](mailto:zita(at)evergreen.edu).** Please put “spring research contract” in the subject header. Thank you.

(PS: Yes, upper division credits are available for upper division work, but please don’t take this contract primarily for that reason.)