



A Joint Project of the UMD School of Architecture, Planning & Preservation  
and the A. James Clark School of Engineering

at the University of Maryland <http://www.solarteam.org> **SOLAR DECATHLON 2007**

## UNIVERSITY OF MARYLAND SOLAR DECATHLON 2007

*Every leaf, large or small, collects energy from the sun.*

The University of Maryland, College Park, is one of 20 universities worldwide selected to compete in the U.S. Department of Energy's 2007 Solar Decathlon on the National Mall in Washington DC. This is the third time that the Maryland team has been selected for the Decathlon. In 2005, the Maryland solar house won the People's Choice Award and the BP Innovation in Solar Technology Award.

Participants from a half-dozen fields have come together to design and build a completely functional 800-square-foot house that runs entirely on solar energy. A team of experts will competitively judge Maryland's **LEAFHouse** on its excellence in form and function during the Decathlon on the Mall in September 2007.

The Maryland Team comprises over 200 students, faculty, affiliated practitioners/mentors, and skilled trades people working collaboratively to create **LEAFHouse**. This is an unparalleled opportunity to educate future leaders and decision makers in the process of integrated design; to educate the public about environmentally sound, sustainable construction; and to promote the role of energy efficiency and solar technologies in achieving energy independence.

Over 125,000 visitors will see the "solar village" on the National Mall in Washington DC, and learn directly from the student teams. Hundreds of thousands will use the Maryland team's web site ([www.solarteam.org](http://www.solarteam.org)), developed by students with educational materials, articles, video, photographs, resources and links.

**LEAFHouse** is an innovative learning program – combining team building, collaboration, experiential learning, age-old wisdom, and new technologies to equip tomorrow's leaders and decision makers. Our long-term goal is to establish a University of Maryland Center of Excellence in Sustainable Design that incorporates environmentally responsible design into the curricula of students in engineering, architecture, business, communications, and many other fields.

**LEAFHouse** addresses critical issues related to the Chesapeake Bay Region with sustainable design and renewable energy as achievable, real-world solutions. We hope the house will have a permanent place on the Chesapeake Bay as a public educational or research facility.

The **LEAFHouse** project has a budget of nearly \$1 million to cover all costs – curriculum development, teaching, community outreach, educational materials, building materials and appliances, construction, and transportation to the National Mall.

The Maryland Solar Decathlon 2007 Team is seeking a broad range of funding (grants, individual gifts, and corporate donations), donated products, and contributed services that will match support from the University of Maryland and from the U.S. Department of Energy/National Renewable Energy Laboratory. All grants, gifts and contributions of products are considered charitable contributions for tax purposes.

To learn more about how your gift will be used, contact Prof. Amy Gardner, AIA, School of Architecture, at 301-405-6303; or Student Team Leader Ms. Dan Feng (MS Mechanical Engineering, 2007) at 240-271-7113 ([dfeng711@gmail.com](mailto:dfeng711@gmail.com)).

Leading Everyone to an Abundant Future