



WHY SOLAR HYDROGEN?



We're living in a rapidly changing world in which creating a sustainable energy system has become a central issue of our time. The lack of an energy system which is environmentally, economically, socially and politically sustainable impacts everyone and underpins many key



The combination of using solar-based energy generation and hydrogen as an energy carrier and storage offers a sustainable solution to many aspects of the energy issues, including transport and electricity generation. The goal of the IGERT on Solar Hydrogen and Sustainable Energy is to

provide the resources and opportunities for graduate students to address the scientific,

Become involved and help us create a system that will make solar hydrogen technically and economically feasible and come and be a part of something truly sustain-



WHAT DOES OUR IGERT PROGRAM OFFER YOU?

- **A MULTI-DISCIPLINARY APPROACH**

Our IGERT will combine the efforts of chemical engineering, electrical engineering, mechanical engineering, material science, physics, chemistry, policy and economics.

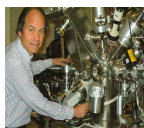


- **EXCELLENT FINANCIAL INCENTIVES**

You'll be generously supported through various funding sources and receive a \$30,000 stipend per year. In addition to the stipend, tuition and insurance is also provided. A further bonus is that support is provided for travel and for summer internships.

- **WORLD CLASS RESEARCH**

The University of Delaware is internationally recognized for its research into energy and solar hydrogen.

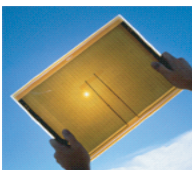


- **A STIMULATING WORK ENVIRONMENT**

You'll be working within and across departments with members of staff who will provide you with far-reaching opportunities.

- **STATE-OF-THE-ART- FACILITIES**

As you become experts in your chosen field, you'll have the opportunity to work with cutting-edge technology and equipment.



- **INDUSTRY COLLABORATION AND INTERNATIONAL OPPORTUNITIES**

Be part of our IGERT that offers you the chance to be involved in a range of well-known industries and government organizations.



WHAT TYPE OF RESEARCH IS THERE FOR YOU TO DO?

This **IGERT** provides you with the opportunity to venture into a wide-range of research endeavors relating to solar hydrogen. The key areas of research focus on the following areas:

- Photovoltaics
- Fuel Cells
- Catalytic Processes in Fuel Cells and Fuel Reforming
- Hydrogen Storage
- Energy Policy and Economics



INTERESTED?

Application information at:
<http://www.udel.edu/igert/apply.html>



Sustainable Energy from Solar Hydrogen IGERT Program
University of Delaware
201 Evans Hall
Newark, DE 19716

The deadline for application for Fall 2007 is July 1, 2007. However, students are encouraged to apply early, as applications will begin