IGERT: Clean Energy for Green Industry (Clean-Green) Fellowship for Graduate Studies at UCLA

Make a Difference!
Each fellow’s participation includes academic, research training and professional development with scientific, business and policy emphasis.

Program features include clean energy lecture, laboratory and seminar-based curriculum, internships or international experience, business development and small company opportunities along with community involvement activities in K-12.

Technology

Energy Harvesting:
Solar cells, TPVs, Biofuels
Thermoelectric and wind energy
Nanomaterials, quantum dots, wires

Energy Storage:
New batteries using Sol-Gel methods,
3-Dimensional microscale batteries,
Electrochemical “Super Capacitors” using CNTs

Energy Conservation:
Top-down analysis of campus power generation.
Design of residential and commercial buildings using smart windows, cool paint and thin film reflective coating for roof and car tops,
Combined PV and solar collectors for distributed heat and power generation

Fellowship Benefits

$30K annual stipend
Registration fees
Laboratory fees
Tuition
Medical insurance
Conference travel
Internship
International experience

Funded by the National Science Foundation

UCLA

Clean Green IGERT
http://cleanenergy.ucla.edu/