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

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