# Careers in Alternative Energy: A Panel Discussion with Experts

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## Gary Bjorklund, Ph.D.

Principal
Bjorklund Enterprises

Bjorklund Enterprises is an entity established in 2009 to consolidate Dr. Bjorklund's private equity investment and consulting activities in the fields of solar energy and photonics.

## Darshini Desai, Ph.D.

Device Physicist
Solaxis

Solexant is a well funded start-up developing third generation thin film PV technologies which dramatically increase solar cell efficiency and reduce manufacturing costs. Using printable nano-material technologies exclusively licensed from leading universities, Solexant's flexible solar cells harvest energy from the entire solar spectrum.

## Heinz Frei, Ph.D.

Senior Scientist
Deputy Director Helios Solar Energy Research Center
Lawrence Berkeley National Laboratory (LBNL)

LBNL is a Dept. of Energy National Laboratory with a fundamental science mission across a wide spectrum of disciplines. The Helios Solar Energy Research Center focuses on developing methods for converting carbon dioxide and water to a liquid transportation fuel by sunlight using engineered materials (artificial photosynthesis).

## Jeff Kmetec, Ph.D.

Manager of R&D
Philips Lumetics

Philips Lumileds is a world leader in high power Light Emitting Diodes. With more than 3 times the energy efficiency of a halogen lamp, LEDs are progressing from a novelty light source to "replace the halogen lamp worldwide (and more!)" in just a few short years.

## Bob McDonald, Ph.D.

CEO
Skyline Solar

Skyline Solar manufactures High Gain Solar (HGS) arrays which incorporate industry-proven silicon cells, durable reflector materials and single-axis tracking into a complete, easy-to-deploy system. Skyline HGS delivers ten times more energy per gram of silicon than traditional flat panel systems in sunny locations.

## Karen Rayment, M.S., P.E.

Electronics Hardware Manager
S&C Electric Company

S&C Electric Company is a global provider of equipment and services for electric power systems. S&C's sophisticated power-quality products can deliver uninterrupted power for an entire facility. Working in green technology they strive to link the traditional grid to evolving systems such as solar farms, wind farms, and geothermal wells in order to continue to supply uninterrupted service to customers.