



# Artit Wangperawong

**Graduate Institution:** Stanford University

**Graduate Discipline:** Electrical Engineering

**Hometown:** Stanford, CA

**Relevant SC Research:** Basic Energy Sciences

## Research Interest:

My research focuses on developing an inexpensive fabrication process for adequately efficient solar cells comprising of low-cost, earth-abundant and non-toxic elements. This research is relevant to the Basic Energy Sciences program through (a) fundamental experimental and theoretical research to discover and design new nanostructured materials with novel functions and properties, (b) simulation of photon and electron behavior within the structures and (c) development of a novel low-cost fabrication process for such materials.

## About Me:

My goals in life are to have fun and help make the world a happy and safe place for all inhabitants. I am interested in health, education, recycling, clean water and solar energy. One of my favorite quotes is from JFK: Our problems are man-made, therefore they may be solved by man.



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