

# Northwestern University's Jr Science Café

Saturday February 19  
11—12:30 PM at Boocoo  
1823 Church St. in Evanston



## Getting Energy from the Sun: Illinois' ANSER with Dr. Amanda Smeigh

Lately there's been significant interest in making a smaller environmental impact on our planet earth. From finding ways to "reduce, reuse, and recycle" to relearning ways to get around town using as little gas as possible, a lot of people are putting in serious effort to have a "smaller carbon footprint." Some of us may even have installed solar panels, rain barrels, and compost bins in our homes. But what are scientists doing today to help us in our efforts to be more "green"?

Right here in Evanston, a cooperative effort between Northwestern University & Argonne National Lab (Argonne-Northwestern Solar Energy Research/ANSER) is directed towards discovering new ways to help us all become more carbon neutral. Key research in the areas of photovoltaics (solar cells) and photodriven fuels cells has been moving along. At ANSER, we look to nature for ideas on how to make solar energy work for us!

Plants have been efficiently using the sun's energy for millennia through photosynthesis, and they may be able to provide some insight on how to best harness the sun's energy.

.....Come see how nature inspires science in the field of solar energy research!



**Open to all students grades 6—12, their parents,  
grandparents, and teachers  
Free admission!**

