



<http://cedm.epp.cmu.edu/succeedchoice2013.php>

**SUCCEED is made possible by sponsorship from Climate and Energy Decision Making Center at Carnegie Mellon University, the Gelfand Center, and the Grable Foundation.**



Art by Jitske Menting

# SUCCEED

**Summer Center for Climate, Energy and Environmental Decision-Making**

**Summer student workshop with hands-on lab experiments and field trips**

July 29th – August 2nd, 2013

**DEADLINE EXTENDED  
THRU JUNE 1!**

Are you interested in climate change and renewable energy?

Are you wondering about a career in science, technology, engineering or mathematics?

Will you be entering 10th grade in fall?

**Then this 5-day summer workshop is for you!**

**Ready for some fun?**

Look inside for more information →

You are invited to spend five days on the Carnegie Mellon campus to learn about climate and energy, perform lab experiments, and get your hands dirty on field trips with graduate students.



**DEADLINE EXTENDED  
THRU JUNE 1!**

## Ready for some fun?

**What:** Climate, Energy and Environment

**For:** Students enrolled in 9th grade as of April 2013 (entering 10th grade next fall)

**When:** July 29th – August 2nd, 2013, Monday through Friday, from 9am – 4:30pm

**Where:** Carnegie Mellon University campus. Trips to off-campus locations are planned.

**By:** Volunteering PhD students and professors from Carnegie Mellon University's department of Engineering & Public Policy

**Costs:** This program is entirely sponsored by CEDM and Carnegie Mellon University, and so there is no registration fee. Breakfast and Lunch will be provided at no charge each day.

**Application deadline:** May 1st, 2013. Participants will be notified by May 20th.

**Apply online:** <http://cedm.epp.cmu.edu/succeedchoice2013.php>

**Contact:** Steve Gradeck, [succeed-2013@lists.andrew.cmu.edu](mailto:succeed-2013@lists.andrew.cmu.edu) or (412) 268-6657

### Field trips:

**A Coal-fired or Nuclear Power Plant**

**A Battery Manufacturing Facility**

**The Natural History Museum**

**Carnegie Mellon University Electric Vehicle Lab**

**Carnegie Mellon Intelligent Workplace**

### Program:

**Energy:** What is this crazy thing called energy? Why are the most powerful governments and industries all over the world desperate to maintain its stable supply? How can it practically affect your future, and how can you get involved and possibly start a career in one of the most important challenges of the coming century?

**The Past:** The provision of affordable energy has been a cornerstone of the international economy for over a hundred years. Understanding how we used to produce our energy is critical to understanding the dynamics of the transitional period in which we now find ourselves. Coal, oil, and gas were the kings of the last century. How, can they, and should they be dethroned? You'll get to learn how power plants actually work and see how the past must come to change if we want to see the future.

**The Future:** Previous generations have unknowingly handed us a huge mess that we've got to sort out. In this section you'll get to learn about the most cutting edge technologies and how they're designed and created. Ever wonder about solar, wind, nuclear and energy-efficient devices? We'll explain how they work through experiment.

**Climate:** You've heard about global warming. You've heard about climate change. What's the actual scientific evidence for and against these theories? In this section you'll get to meet real researchers and find out how much we really know about how our energy habits are affecting the only world we have. I mean, after all, what's the worst that could happen?