

OUTREACH PROGRAMS

The American Institute of Chemical Engineers Student Chapter at UCLA

Updated on July 3rd, 2009

Prepared by:

Tracey Tsuma, AIChE Outreach Programs Chair

Tracy Tang, AIChE Outreach Programs Chair

MISSION STATEMENT

The American Institute of Chemical Engineers (AIChE) student chapter at UCLA is continuing with the mission of the Energy Initiatives Student Chapter Competition. Our goal is to promote alternative energy to the Los Angeles community. Moreover, we strive to involve our members in other forms of volunteering and increase involvement with other groups on campus

INTRODUCTION

AIChE Outreach began in winter of 2008 with the release of the Energy Initiatives Student Chapter Competition. The UCLA chapter was granted the award and continued with the program at two schools: John Burroughs Middle School and Mar Vista Central High School. The success of this program has prompted this group within AIChE. This upcoming year, we plan on expanding this group to involve more members of AIChE by creating more opportunities for giving back to the community.

ACTIVITIES AND COST

Alternative Energy Project

We will continue with our Alternative Energy Project, where we have four planned trips to each school. The first lesson plan gives an introduction of alternative energy and the pros and cons of each. The second dives into the economics of using alternative energy. The third focuses on solar energy and demonstrates how it can power a small car. During our final trip, we take the students to the National Resource Defense Council building in Santa Monica, where they see the effects of recycling and environmental awareness.

Alternative Energy Project Cost Estimate			
Description	Quantity	Price Each	Amount
Bus for Field Trip	2	\$420	\$840
Energy Monitor: Kill-A-Watt	5	\$20	\$100
Miscellaneous supplies: Poster boards, construction paper, glue, etc	1	\$100	\$100
TOTAL REQUESTED FOR ALTERNATIVE ENGERY PROJECT			\$1,040

Volunteer Activities

To further our involvement with the community, we plan on participating in events on and off the UCLA campus. One of the UCLA fundraisers we plan to become involved in is Relay for Life, a 24-hour fundraiser to fight cancer. Not only will we be participating to raise

funds against cancer, but we are also looking to create a stronger bond between members of AIChE. Another activity to bring together members while helping the community is a beach cleanup.

Volunteer Activities Cost Estimate			
Description	Quantity	Unit Cost	Amount
Relay for Life at UCLA: Registration fee, fundraising activity, and team t-shirts	10	\$30	\$300
Beach Cleanup: bus tokens	20	\$0.25	\$5
TOTAL REQUESTED FOR VOLUNTEER ACTIVITIES			\$305

CONTACT INFORMATION

Please feel free to contact our officers with any questions, comments, or suggestions. Thank you for your interest in contributing to our student chapter!

AIChE Officer Information	
Tracy Tang NAME Outreach Chair OFFICER POSITION	outreach.aiche.ucla@gmail.com EMAIL ADDRESS
Tracy Tsuma NAME Outreach Chair OFFICER POSITION	outreach.aiche.ucla@gmail.com EMAIL ADDRESS