**AIChE Meeting Minutes**

*April 16, 2014*

* Mid-Atlantic Conference
	+ At UVA
		- Good for networking/made good friends and connections
		- Brought back new ideas for the club, especially from talking to our former president, Owen
		- Observed Chem-E car competition firsthand
* Chem-E Car
	+ Shoebox-sized vehicle powered by chemical reactions
		- Some video examples shown
	+ Has to travel certain distance and then stop (this can vary each competition)
	+ Our car
		- Uses stirling engine (heat engine) and a temperature difference
			* H2O2 decomposition for the hot side and dry ice/ acetone reaction for the cold side
		- Opportunities to be involved:
			* Reactions must be tested
			* Stirling low torque and high speed
			* Install gearbox and chassis
			* Constant temperature requires constant reactant flow
			* Heat engine requires heat flow
			* Timing system required
		- We meet Sundays at 4pm and sometimes Wednesdays at 8pm.
* Omega Chi Epsilon
	+ Honor Society of Chemical Engineers
	+ Recognizes achievements, both scholastic and personal, of ChemEs
	+ Fosters many opportunities
	+ Recognition to the Chem-E department and Stevens Faculty
	+ Current progress for our chapter
		- Working on proposal to present to faculty and student life
		- We need signatures on our petition!
		- Next step is colonization, then form a chapter
		- Should be done within 2 years
* T-Shirts
	+ Cost: will be around $10
	+ 
* Peer Mentor Program & Plant Tours
	+ Peer mentor
		- Assist ChemE students with courses and non-ChemE as a part of Omega Chi Epsilon
		- Possible study sessions?
	+ Plant Tours
		- First-hand experience into chemical engineering
		- Creates relationships with companies and develops resume
		- Infineum
			* Palash is planning a tour (possible Fall Semester)
			* Located in Linden, NJ
			* LET US KNOW IMMEDIATELY IF YOU ARE INTERESTED
* Housekeeping Items
	+ Website
* URL: <http://ugstudentlife.stevens.edu/org/aiche>
* Development of Website and Ducksync to begin for Fall 2014
* Website to include:
	+ - ChemE Car
		- Campus/Outreach Events
		- Peer Mentor Schedule
		- Calendar for Semester
		- Officer Contact List
		- Got Ideas or Comments? Email rletona@stevens.edu
	+ AIChE National Registration
		- Make sure to register for membership for great benefits
		- www.aiche.org
* Upcoming Events
	+ ChemE semi in Fall 2014
	+ Mixer with Faculty
	+ BBQ for fall semester
	+ In Situ soil remediation talk
		- Monday April 21st 5:30-7:30 @ Pfizer Building
		- Speaker: Michael Wagner on Latest Remediation technologies for in-situ cleaning of soil contamination
	+ CONTACT RAUL LETONA IMMEDIATELY IF YOU WANT TO GO. @ rletona@stevens.edu