

## Fourth Spring 2014 MA/Keramos Meeting

### Officer Elections

- Officer elections will be held during the next club meeting, Wednesday, March 26, 12pm
- (15) Available positions to run for:
  - President (2 available positions—Keramos and MA)
  - Vice-President (2 available positions—Keramos and MA)
  - Secretary (2 available positions—Keramos and MA)
  - Treasurer (1 available position—Keramos/MA)
  - Herald (1 available position—Keramos)
    - Historian for Keramos
    - In charge of Keramos induction
  - \*Historian (1 available position—MA)
    - Go to every event and take pictures
  - \*Webmaster (2 available positions—Keramos and MA)
    - In charge of club website
    - MA webmaster will have to create a website
  - \*Event Coordinator (2 available positions—Keramos and MA)
    - Coordinate outreach events to high schools, etc.
    - Organize industry tours
    - Organize social events for student club members to bond and hang out
  - \*ESC Representative (2 available positions—Keramos and MA)
    - Go to Engineering Student Council (ESC) meetings, take notes, and report back to the president
    - Be in charge of ESC competitions
  - \* *Historian, Webmaster, Event Coordinator, and ESC Representative are new positions as of 2014*
- During the next meeting, the nominees will say a very short speech about who they are and why they are qualified for the position they are running for
- Student club members will fill out the ballot to vote for each position
- We will email each winner later that day/the next day, and we will email the department with the results as well
- So start thinking about which position you want to run for!

### Keramos Induction

- Friday, March 28, 6pm
- Currently have 21 initiates
- \$10 dues to Sam the week before/of initiation
- Induction will take about 1 hour and then we will go out to dinner afterwards
  - Location of dinner is TBA
- Inductees wear white, officers wear black
- Email Sam at [samhudson@email.arizona.edu](mailto:samhudson@email.arizona.edu) if you are interested in being initiated

### Outreach

- Will be a top priority this semester—both clubs are dedicated to professional development and community outreach
- If you want to help with outreach, if you can, please get into contact with your old high school and talk to science and engineering teachers who teach juniors and seniors about possibly coming in to talk to their classes (for next semester)
  - Ask teachers what days they meet most of their classes (days where they meet all their classes most ideal)

### Plant tours

- 2 plant tours all-day Friday of Spring Break, March 21
  - One is to Alcoa Plant in Chandler; they make extrusions of Al-alloys
  - Second is to CMC steelmill in Mesa
- See attached sheet for more information and tentative schedule
- If you want to go on the plant tours, email Dr. Poirier at [poirierd@email.arizona.edu](mailto:poirierd@email.arizona.edu) no later than Thursday, March 13

### Other announcements/comments

- Keramos graduation regalia
  - Will be doing gold cords
  - Cords will be \$5—payment is due upon receiving your cord (can pay early, give money to Stephanie Greiner)

- Email Stephanie at [sgreiner@email.arizona](mailto:sgreiner@email.arizona) if you want regalia and if you're graduating this semester
- Congressional Visits Day 2014
  - April 7-8 in Washington D.C.
  - See attached sheet below for more info
- AIST Chapter Scholarships
  - \$1500 scholarship, for MA members only
  - Deadline to apply: April 30
  - See attached sheet for more information and how to apply

## **Plant Tours Tentative Schedule**

Alcoa-Pimalco plant: direct chill casting of aluminum alloy ingots including special degassing of the melts; the extruders (humongous presses); the extrusions (about 20-30 feet in length); mechanical straightening of the extrusions; heat treating of the extrusions (remember their length!).

CMC plant: melting of steel in large electric arc furnace; continuous casting of the steel; self-tempering of the steel (this is really slick); automated handling of the product on controlled cooling beds. This plant operates continuously from melting to the casters, to the self-tempering, etc. w/o any interruptions/setting aside intermediate billets and reheating. This is worth seeing.

Schedule (as of today):

- Leave Tucson in University van at approx. 7:30-7:45 am.
- Go to Alcoa in Chandler, tour until approx. 11:30 am.
- Head toward Mesa; pick up a quick bite to eat.
- Tour CMC (Commercial Metals Company) until. approx. 2:45 pm.
- Head back to Tucson; get back to campus at approx. 4:30 pm.

## Congressional Visits Day 2014

“ Dear Material Advantage Faculty Advisor:

Congressional Visits Day (CVD), organized by Material Advantage, is set for April 7 - 8, 2014, in Washington, DC. The CVD is an annual event that brings students to Washington to raise visibility and support for science, engineering, and technology. Please inform your Material Advantage Chapter about this vital opportunity to emphasize the long-term importance of science, engineering and technology to the Nation through meetings with Congressional decision makers.

The Congressional Visits Day event will begin with an opening reception at The Top of the Hill Banquet and Conference Center, 4 - 7 p.m. on Monday, April 7. A catered reception will be held with light hors d'oeuvres and a cash bar. A budget overview and update will be given by guest speaker, Kei Koizumi of the Office of Science and Technology Policy. After the budget overview, Deborah Koolbeck of the Council on Competitiveness, will speak on effective communication with Hill staff, and Megan Brewster, the 2013-2014 Congressional Science and Engineering Fellow, will present on why she chose life in an office on the Hill. During the reception, a fun and interactive role play session will also be conducted to prepare the students for their visits the next day. The visits will be held all day on Tuesday, April 8.

CVD is open to Material Advantage Student Members at a US-based university, and registration is free of charge. Due to limited funds and space, a maximum of 5 students from any one university may request a travel grant and attend the reception on the evening of April 7.

The Material Advantage Student Program is offering a limited number of travel grants to each individual student registrant to help offset costs to Congressional Visits Day. **ACT NOW...The deadline for registration and travel grant applications is FEBRUARY 24, 2014.** [Sign up today!](#) *Please read the important note at the top of the application form before completing it.*

For more information about CVD, visit the [Material Advantage activities page](#).

Please let me know if you have any questions. Thank you.

Best regards,

Tricia L. Freshour

Membership Services Manager

The American Ceramic Society

[+1-614-794-5827](tel:+16147945827) “

## **AIST Chapter Scholarship**

“I was hoping you could remind your Material Advantage Chapter of the upcoming deadline for the Southern California Chapter AIST scholarships. The deadline for the national scholarships has passed but we are accepting applications for our chapter scholarships through April 30th. I have yet to receive any applications so if you could encourage students to apply for a \$1,500 scholarship that would be much appreciated. Applications can be found [here](#).”