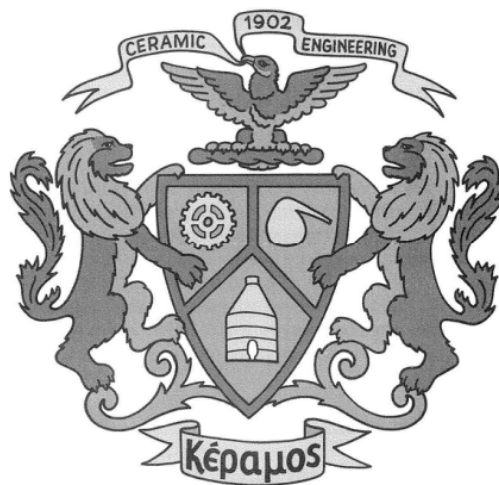


2013-2014 Annual Report

Clemson University Chapter



***KERAMOS NATIONAL PROFESSIONAL CERAMIC
ENGINEERING FRATERNITY***

2013-2014 Annual Report

Clemson University Chapter

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Chapter Advisor Executive Summary

The Clemson Keramos Chapter hosted guest speakers, endorsed career-expanding activities, and explored new fundraising opportunities this year. Unfortunately, the chapter did not make it to MS&T, but efforts will be made to attend the next convention. The chapter has endeavored to participate in activities in educational outreach and professional development in the last year. The Clemson Chapter assisted with the Materials Science General Engineering Tours, and, in turn, was able to reach hundreds of students and encourage them to enjoy science. The incoming materials science class is one of the largest that it has been in years, and it is obvious that the efforts made by the chapter in the tours helped some students to consider a career in materials engineering.

The chapter has plans to continue its engagement in educational outreach and professional development in the coming year. The new fundraising opportunities will be continued, and recruitment will continue to be a priority in an effort to better establish the chapter. Clemson will make an effort to encourage interest in attending MS&T in Montreal, Canada this fall.

Plan for the Upcoming Year

Since the Clemson Keramos Chapter has teamed up with the local Material Advantage Chapter, the students in the materials science department have been more connected with each other. For example, the organizations attempted to make a trip to tour the local BMW Manufacturing Plant, which was introduced to the officers as extra credit in one of their classes.

Although delegates from the chapter did not make it to MS&T this past fall, the incoming members from this year are enthusiastic and most likely won't require too much encouragement to attend the upcoming MS&T conference.

Keramos also plans to continue their typical annual activities, including the Clemson Material Science and Engineering Department's annual general engineering tours and the Alumni Tailgate for the Clemson MS&E Department. A change was made to the duties of Keramos members during the tours. In addition to the usual guide and greeter assignments, members of the chapter made liquid nitrogen ice cream to serve to the freshman-engineering students. In return for the ice cream, Keramos collected surveys on how to better the tours. The feedback assisted the Materials Science Department in streamlining the Clemson Material Science and Engineering Department's annual general engineering tours. Because of this, Keramos members will continue to trade ice cream for surveys to assist the department. As per usual with the alumni tailgate, Keramos members will assist in setting up the tailgate, then stay to enjoy the food and network with the alumni.

Keramos will work to bring in guest speakers from all aspects of the materials science field, as always. This way, students have a well-rounded idea of the possibilities after school. This year, there were not very many speakers, but one of them was from GE Aviation, and his visit looks to be the beginning of a new partnership for GE and Clemson students. This year, the chapter will continue the search for new guest speakers that the students haven't necessarily heard from before.

The new officers for the chapter have different outlooks and fresh, new ideas for the chapter. With their help and the assistance of the past officers, the Clemson Chapter of Keramos plans on continuing to strive to become a better organization for materials science students.

Officers and Delegates

Officers for the 2013-2014 Academic Year:

President: Alex Gay amgay@clemson.edu

Phone: [REDACTED]

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Vice President: Ryan Arthur rnarthu@clemson.edu

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Secretary: Leslie Sanders lksande@clemson.edu

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Treasurer: Matthew Tuggle matuggl@clemson.edu

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Herald: Brinley Swanson brinles@clemson.edu

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Advisor: Dr. Eric Skaar ecksr@clemson.edu

Members

Advisor:

Dr. Eric Skaar

Active Members:

Adam Harrison

Alex Gay

Mitchell Fanning

Parker Freudenberger

Samantha Hallman

Sarah Kendrick

Ryan Arthur

Larissa Brdar

Patricia Merritt

Max Nichols

Clay Parrish

Leslie Sanders

Adam Schnell

Stephen Smith

Brinley Swanson

Matthew Tuggle

Spring Initiates – February 5, 2014

Ryan Arthur

Larissa Brdar

Patricia Merritt

Max Nichols

Clay Parrish

Leslie Sanders

Adam Schnell

Stephen Smith

Brinley Swanson

Matthew Tuggle

Treasurer's Report

The chapter Treasurer keeps track the finances and budget. The Treasurer kept all of the records online this semester and Orgsync was utilized within campus organizations as a means of record keeping and passing information to future members. Records were kept online in the form of account management, checkbook balancing, and dues notifications, as well as on paper. All receipts were kept, and the checkbook was balanced by hand in addition to the online balance.

An itemized list of finances follows:

Date	Description	Amount	Balance
4/22/13	Service Charge	(\$2.00)	\$289.98
5/21/13	Service Charge	(\$2.00)	\$287.98
6/21/13	Service Charge	(\$2.00)	\$285.98
7/22/13	Service Charge	(\$2.00)	\$283.98
8/22/13	Service Charge	(\$2.00)	\$281.98
9/23/13	Service Charge	(\$3.00)	\$278.98
10/22/13	Service Charge	(\$3.00)	\$275.98
11/12/13	Half of profits from MA/Keramos BBQ given by MA	\$126.87	\$402.85
11/22/13	Service Charge	(\$3.00)	\$399.85
12/23/13	Service Charge	(\$3.00)	\$396.85
1/22/14	Service Charge	(\$3.00)	\$393.85
2/22/14	Service Charge	(\$3.00)	\$390.85

Chapter Activities

Educational Outreach and Service to the Community

Engineering Student Tours:

Each year Keramos students partner up with members of our other materials student organizations to design, organize, and run a two-night series of interactive tours for the general engineering department. Students serve as demonstrators, tour guides, and greeters for one or both nights of the event. Once again, instead of the usual demos, Keramos members made and distributed ice cream made from liquid nitrogen. In return for the ice cream, the freshmen-engineering students were required to fill out a survey on how the Materials Science Department could improve the tours. The feedback from our first trial was so helpful that this is becoming a norm for the members of Keramos. As usual, Faculty members attended and assisted wherever they are needed. This year, there were 7 tours per night, and each tour consisted of 20 freshman general engineering students. By doing these tours, more than 250 students were exposed to our department.

Professional Development

Guest Speakers:

There were two sets of guest speakers for our chapter this year.

During the fall semester, we hosted a set of speakers from Timken. They described their roles in the engineering process in the industry and possible opportunities for students currently studying materials science and engineering.

In the spring, a speaker from GE Aviation came to speak to the members of MA, Keramos, and Phi Psi. He talked about the company and what they do as well possible opportunities for students. He also detailed internship opportunities as well as a program in which GE sends students to get a Master's degree.

Social Activities & Alumni Engagement

Welcome Back Dinner:

Early in the year, Keramos and Material Advantage continued the tradition of hosting a Welcome Back Dinner for the Materials Science Department. This dinner was hosted on campus to make it more available to those living on campus. Because of this dinner, Professors and students had the opportunity to interact outside of the classroom. This tradition will definitely be continued again next year.

Ice Cream Social:

An old tradition that never fails, the liquid nitrogen ice cream social helped students beat the heat in the beginning of the year. Students made ice cream using milk, sugar, and, in honor of our science backgrounds, liquid nitrogen. In the future we'll advertise the event so that more materials students have a chance to participate.

Alumni Homecoming Tailgate:

At Clemson, football is a big deal. In an effort to encourage alumni and student interaction, the Materials Science Department hosts an Alumni Homecoming Tailgate every year. Keramos assists with setting up the tailgate, then professors, students, and alumni enjoy good food, memorable stories, and, of course, football. Students passing by Olin during the game also provide an outreach opportunity.

Trivia Night:

In the past, a good way to get the students in Keramos and Material Advantage to interact with each other was to attend trivia night at one of the local restaurants. While playing the trivia, students gain the opportunity to discuss material learned in classes, trade ideas, and generally get to know each other. At the trivia night in the fall, the team won third place, inciting a second trivia night in the spring to spend the prize money.

End of the Year Party:

Since trivia nights were such a hit, it was decided to have an end of the year party at the same local restaurant during a trivia night. This time, members of Material Advantage and Keramos invited other students in the department as a way to advertise the organizations and generally encourage communication within the major.