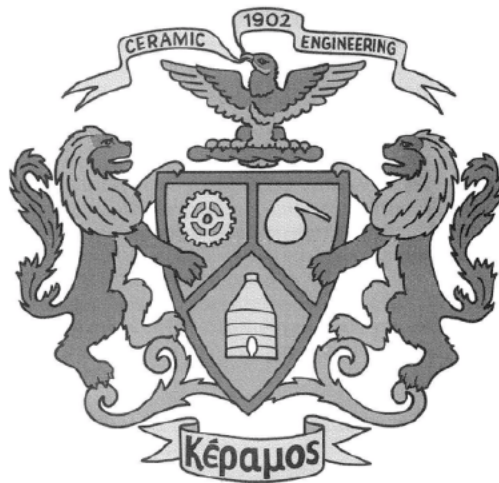


2015-2016 Annual Report

Clemson University Chapter



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

2015-2016 Annual Report

Clemson University Chapter

Table of Contents

| | |
|--|-----|
| Chapter Advisor Executive Summary | 2 |
| Plan for the Upcoming Year | 3 |
| Officers and Delegates..... | 4 |
| Members | 5 |
| Treasurer’s Report | 6 |
| Chapter Activities | 7-8 |
| Educational Outreach and Service to the Community..... | 7 |
| Preparing the liquid nitrogen ice cream for the tours..... | 7 |
| Professional Development | 7 |
| Social Activities & Alumni Engagement | 7-8 |

Chapter Advisor Executive Summary

The Clemson Keramos Chapter endorsed career-expanding activities, explored new fundraising opportunities, increased awareness of the fraternity, and participated in MS&T this academic year. The chapter has endeavored to participate in activities in educational outreach and professional development in the last year. The Chapter co-hosted the Clemson University Materials Science and Engineering Alumni Tailgate with Material Advantage this past year. The Clemson Chapter also assisted with the Materials Science General Engineering Tours, and, in turn, was able to reach hundreds of students and encourage them to enjoy science and engineering. The incoming materials science class is one of the largest 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 science and engineering.

The chapter has plans to continue its engagement in educational outreach and professional development in the coming year. The new fundraising opportunities will continue to be explored, and recruitment will continue to be a priority in an effort to expand the chapter. Several members have expressed interest in attending MS&T this fall, as well as in participating in both the mug drop and geodesic dome competitions.

Plan for the Upcoming Year

Since the Clemson Keramos Chapter has teamed up with the Clemson Material Advantage Chapter, the students in the materials science department have been more connected with each other. For example, the organizations have participated in fundraising and social activities together. Therefore, our two organizations will continue to work together next year.

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 performed several experiments that highlighted key physical properties of inorganic materials. After the demonstrations, 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. These demonstrations will be continued in the future to increase awareness of materials science, and to bring prospective students to the major. 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. During the academic year, several speakers returned from GE, Timken, and Michelin. This year, the chapter will continue the search for new guest speakers to broaden students' understanding of employment opportunities following graduation.

The new officers for the chapter are excited for the year to come. They plan to work closely with the past officers and our new faculty advisor to increase the prominence of the Keramos chapter within the university and departmental communities. We are aiming to be more active in the department in order to help new students reach their potential by presenting opportunities that are not found elsewhere.

Officers and Delegates

Officers for the 2015-2016 Academic Year:

President: Ryan Arthur ██████████@clemsn.edu

Phone: ██████████

Address: ██████████

██████████

Vice President: Brinley Swanson ██████████@clemsn.edu

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Secretary: Leslie Sanders ██████████@clemsn.edu

Phone: ██████████

Address: ██████████ ██████████

██████████

Treasurer: Chloe Johnson ██████████@clemsn.edu

Phone: ██████████

Address: ██████████

██████████

Herald: Matthew Tuggle ██████████@clemsn.edu

Phone: ██████████

Address: ██████████

██████████

Advisor: Dr. Kyle Brinkman ksbrink@clemsn.edu

Members

Advisor:

Dr. Kyle Brinkman

Active Members:

Ryan Arthur

Clay Parrish

Leslie Sanders

Adam Schnell

Brinley Swanson

Matthew Tuggle

Melissa Brewer

Chloe Johnson

Gill Biesold-McGee

Patrick Smith

Spring Initiates - April _, 2016

Prospective members have yet to be initiated for the 2016-2017 academic year.

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 |
|----------|-------------------------------------|-----------|----------|
| 4/10/15 | Balance from previous year | | \$284.85 |
| 4/30/15 | Service Charge | (\$4.00) | \$280.85 |
| 5/29/15 | Service Charge | (\$4.00) | \$276.85 |
| 6/30/15 | Service Charge | (\$4.00) | \$272.85 |
| 7/31/15 | Service Charge | (\$4.00) | \$268.85 |
| 8/31/15 | Service Charge | (\$4.00) | \$264.85 |
| 9/22/15 | Check to National for Initiate Dues | (\$40.00) | \$224.85 |
| 9/30/15 | Service Charge | (\$4.00) | \$220.85 |
| 10/30/15 | Service Charge | (\$4.00) | \$216.85 |
| 11/30/15 | Service Charge | (\$4.00) | \$212.85 |
| 12/31/15 | Service Charge | (\$4.00) | \$208.85 |
| 1/29/16 | Service Charge | (\$4.00) | \$204.85 |
| 2/29/16 | Service Charge | (\$4.00) | \$200.85 |

We plan to look into an alternate option for banking to avoid the continued service charges to our account.

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 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. 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 performed several experiments that highlighted key physical properties of inorganic materials. After the demonstrations, Keramos collected surveys on how to better the tours. These demonstrations will be continued in the future to increase awareness of materials science, and to bring prospective students to the major. This year, two groups of twenty students were given this tour of the major.

Professional Development

Guest Speakers:

This year, Keramos worked in conjunction with Material Advantage to bring guest speakers to Clemson.

During the fall semester, a speaker from GE Aviation came to speak to the members of MA, Keramos, and Phi Psi. He spoke about the company's primary job focus and possible opportunities for students. He also detailed internship opportunities, as well as a program in which GE sends students to earn a Master's degree.

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

Finally, we also hosted a speaker from Michelin. He talked about career tracks available to Materials Science & Engineering students at Michelin, and also provided advice for improving interview skills.

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.

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.