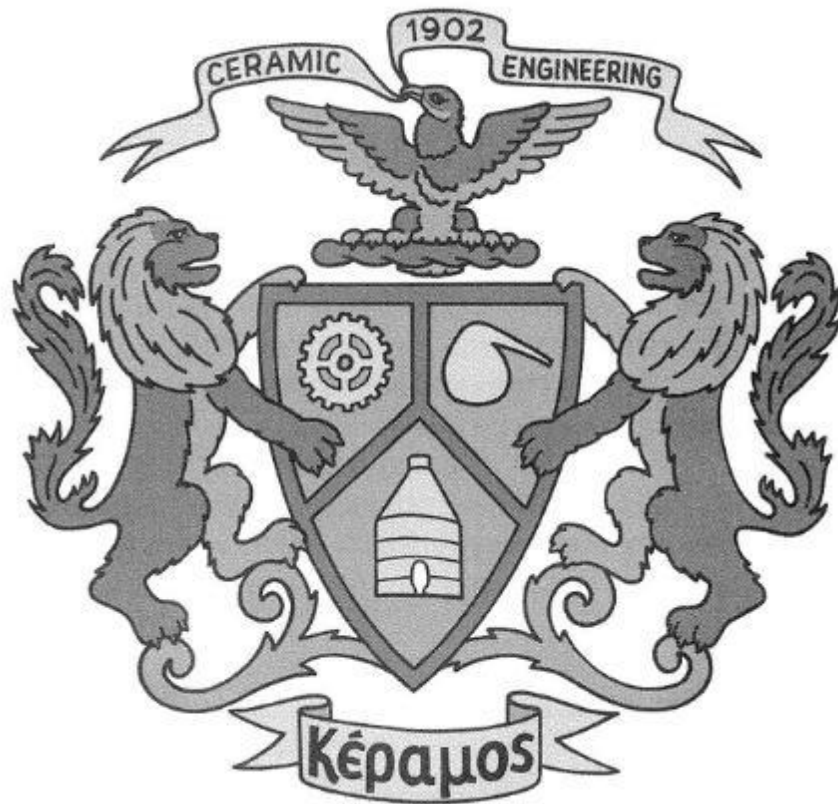


# Keramos

Annual Report  
2014-2015



UNIVERSITY *of*  
WASHINGTON

## **Executive Summary**

During the 2014-2015 academic year, the University of Washington chapter of Keramos participated in community outreach, as well as ceramics related activities. The chapter sent two members to the annual Materials Science & Technology conference in October, 2014. This document provides a summary of the events and activities that the University of Washington (UW) chapter of Keramos has participated in throughout the 2014-2015 year.

*Chapter Advisor: Dr. Fumio Ohuchi  
2014-2015 Chapter President: Natalie Briggs*

## **Annual Activities**

During the 2014-2015 year, the UW chapter of Keramos focused its efforts on outreach, technical development, and departmental involvement. These areas are summarized below.

- Outreach: University of Washington Engineering Discovery Days
  - Introduce elementary-high school students to slip casting as part of the University of Washington College of Engineering's annual even to promote engineering and expose young people to the field.
  
- Technical Development: Ceramic insulation advising
  - Partnership between Keramos, WOOF3D, (the University of Washington's 3D printing student organization), and students in the Earth and Space Sciences department on a project to create a rocket with a 3D printed, polyethylene terephthalate (PET) casing.
  - Keramos student advising on ceramic materials that would insulate the PET casing from the heat of the rocket engine
  
- Departmental Involvement: Departmental Sweatshirt Design Contest
  - T-shirt and sweatshirt design competition hosted by Keramos for the Materials Science & Engineering department.

## **Future Goals**

During the executive committee transition between the 2013-2014 and 2014-2015 years, many active members were lost and valuable knowledge was lost. The goals of the upcoming year place emphasis on recruitment and the creation of an infrastructure for the club.

- Recruitment: Keramos social events, competitions
  - Movie and/or board game nights hosted by Keramos to encourage socializing between students in the department, and a spread of knowledge regarding what Keramos is and does
  - Departmental mug aesthetics-competitions to encourage participation in Keramos activities

- Infrastructure: Regular meetings, documentation
  - Bi-weekly meetings and open-lab time to allow students to carry out training on equipment and to work on ceramics-related projects
  - Detailed documentation of recipes, ideas, and administrative information on the Keramos dropbox account
    - Communication between current or upcoming and previous officers to maintain the level of knowledge within the club
- Technical Development
  - Regular open-lab time and technical meetings to encourage students to pursue ceramics-related projects, such as those that are involved in the annual competitions at the Materials Science & Technology conference.
- Outreach
  - Increase collaboration with the University of Washington chapter of Material Advantage to carry out company tours and outreach at local schools

## **List of Officers**

*2014-2015 Academic Year*

### **President:**

Natalie Briggs

██████████ [@uw.edu](mailto:██████████@uw.edu)

### **Vice-President:**

Grady McDonald

██████████ [@uw.edu](mailto:██████████@uw.edu)

### **Treasurer:**

James Wheeler

██████████ [@gmail.com](mailto:██████████@gmail.com)

### **Project-Lead:**

Miachael Dymond-Shaw

██████████████████████ [@comcast.net](mailto:██████████████████████@comcast.net)

## **List of Officers**

*2015-2016*

*2015-2015 officers are currently being decided. The appropriate individuals will be notified of these officers once they are chosen.*

## **List of Delegates and Alternates**

There are no current delegates or alternates

## **List of Active Members**

*2014-2015*

### Undergraduate

Natalie Briggs

Grady McDonald

Michael Dymond-Shaw

### Graduate

N/A

### Faculty

Dr. Fumio Ohuchi

## **Financial Report**

Student travel to MS&T was funded by the Materials Science department, so Kermos funds were not used for this trip. In September, 2014, Keramos received \$500 from a Boeing RFP grant.