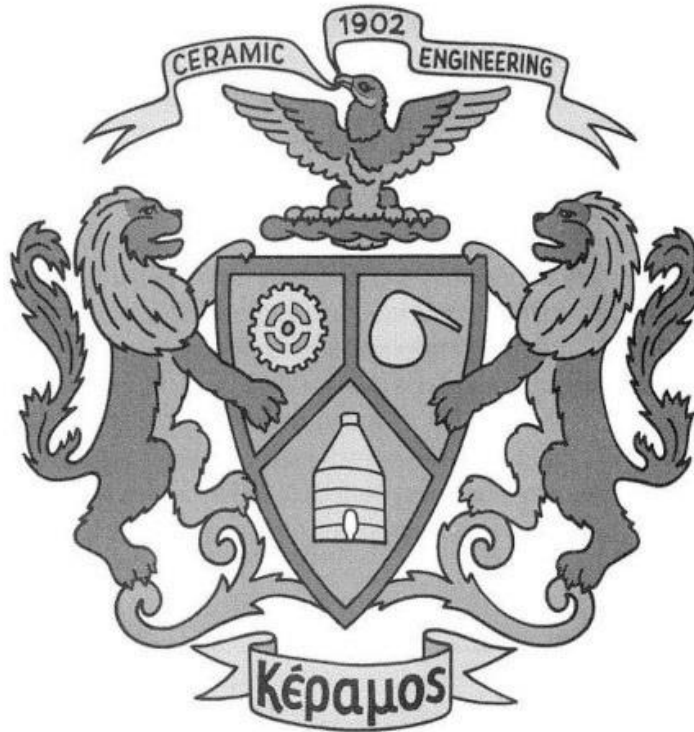


KERAMOS STUDENT CHAPTER ANNUAL REPORT COVER SHEET



Student Chapter Name: Rutgers University

Academic Year: Fall 2017 – Spring 2018

I hereby submit the attached Annual Report on behalf of my chapter. The information contained within this report is accurate to the best of my knowledge.

Submitted by: Mitchell Modzel

Date: April 20th 2018

Officers, Delegates, and Alternates

Positions	Last Name	First Name	Phone #	Email	Delegate
President	LaCapra	Mikio	██████████	████████████████████	x
Vice President	Benderly-Kremen	Ethan	██████████	████████████████████	Alternate
Treasurer	Sun	Katie	██████████	████████████████████	
Secretary	Kenny	Grant	██████████	████████████████████	
Herald	Shah	Vats	██████████	████████████████████	

Active Members

Last Name	First Name	Title	New Initiate?	Date of Initiation
Deshkar	Ambar	Graduate Student		Spring 2016
Tewatia	Arya	Graduate Student		Spring 2016
Schaefer	Mark	Graduate Student		Spring 2017
Gagnepain	Michael	Graduate Student		Spring 2017
Rucker	Ross	Graduate Student		Spring 2017
Ward	Shawn	Graduate Student		Spring 2017
Sun	Katie	Undergrad	x	Spring 2018
LaCapra	Mikio	Undergrad	x	Spring 2018
Wang	Kaitlin	Undergrad	x	Spring 2018
Spitzer	Alex	Undergrad	x	Spring 2018
Benderly-Kremen	Ethan	Undergrad	x	Spring 2018
Shah	Vats	Undergrad	x	Spring 2018
Kenny	Grant	Undergrad	x	Spring 2018

Graduating Members Contact info

Last Name	First Name	Phone #	Non-University Email
Cheng	Steven	██████████	████████████████████
Modzel	Mitch	██████████	████████████████████
MacDowall	Brian	██████████	████████████████████
Kendall	Wesley	██████████	████████████████████
Lay	Ryan	██████████	████████████████████

Treasurers report

Date	Event	Description of Expense	Total Cost	Keramos Funds	Rutgers Funds + Student Expenses
9/29/2017	Student Poster Competition	No expense	0	0	0
9/29/2017	Student Speaking Competition	No expense	0	0	0
10/8/2017	MS&T	Driving 750 miles (.50 cents/mile)	375	375	0
		Hotel (one room 4 nights)	703.93	50	653.93
		Parking (4 days of parking)	60	0	60
		Transportation During MS&T	28.54	0	28.54
10/13/2017	Study Session - Fall	Food	43.77	0	43.77
11/16/2017	Girl Scout Tours	No expense	0	0	0
11/20/2017	Senior Lab Vs. Design	Food	64.18	0	64.18
11/29/2017	Game Night - Fall	Food	101.36	0	101.36
12/6/2017	Study Session - Fall	Food	38.77	0	38.77
2/7/2018	Study Session - Spring	Food	41.05	0	41.05
2/27/2018	Game Night - Spring	Food	64.18	0	64.18
		Total	1520.78	425	1095.78
		Keramos Travel Grant		425	

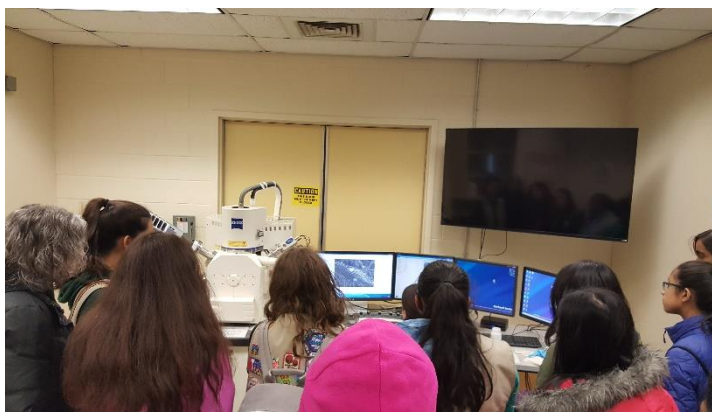
Chapter Activities

Educational outreach

Girl Scout Lab Tours

November 16th 2017

Keramos, Material Advantage, and the Society of Women Engineers invited local girl scout troops to tour Rutgers Engineering Labs. Research was presented by undergraduate Keramos members working in glass engineering, ceramic, nano science, and optical labs. Over 60 girl scouts attended and were exposed to the research opportunities that Materials Science and Engineering could bring them.



Professional development

Student Poster Competition

September 29th 2017

Keramos co-hosted with Material Advantage, a student poster competition, in which MSE students present their research or internship findings in a poster format. The students with the best posters would also be partially funded to travel to MS&T 2017 to compete at the national MS&T Undergraduate Student Poster Contest

Student Speaking Competition

September 29th 2017

Keramos co-hosted with Material Advantage, a student speaking competition in which MSE students present their research or internship findings in an oral presentation format. This provides great practice for public speaking, an essential soft skill in any field of work. Furthermore, the winner of the competition would be partially funded to travel to MS&T 2017 to compete at the national MS&T Undergraduate Student Speaking Contest. The winner of the Rutgers Competition was Wesley Kendal, the Keramos Rutgers student chapters very own vice-president. Although he didn't place at the competition in MS&T 2017, he still presented well.

Service to the ceramics community

Study Sessions

Oct. 13th, Dec. 6th & Feb 7th

During the peak of MSE-related exams throughout the year, Keramos hosted multiple study sessions for sophomore, junior, and senior MSE classes. The club provided donuts and coffee and an area to study. At these meetings, underclassmen asked for help in particular topics they didn't understand fully and upperclassmen were happy to review the concepts with them. These sessions are very helpful as study preparation, but also allows the MSE class years to interact with each other.

MSE Night

March 8th 2018

This event, specifically led by the MSE Department Chair, is for freshman engineering students to show them what the MSE department has to offer before they officially declare their majors. Keramos members would act as tour guides to various MSE research labs such as microscopy, fiber optics, computations, ceramics, and glass. Additionally, Upperclassmen can share their experiences throughout their years in MSE. This is one of the larger recruiting events for the department in which a majority of the Keramos members dedicate their time to help in any way possible.

Participation at the Annual Convocation and Business Meeting

MS&T 2017

October 8th – 12th 2017

Keramos was able to assemble 2 members to travel to Pittsburgh for MS&T 2017. There, along with members from the Material Advantage Rutgers chapter were able to attend talks as well as network with other students, professors, and leaders in various fields of materials science.

Inter-chapter communications and collaboration

Game Night

Nov. 29th 2017 & Feb.27th 2018

In November and February during midterm season Keramos co-hosted Game Nights with the Rutgers Material Advantage Chapter, in the Ceramics Building. Students were invited to come and enjoy a night of Moe's catering and multiple games from Super Smash Bros. Brawl, to Settlers of Catan, and other activities. At this event, there was a good turnout of students from all classes allowing sophomores, juniors, and seniors in material science to get to know each other.



MSE Game Day

Tentative May 2018

Every year the Materials Science & Engineering Department at Rutgers hosts a MSE BBQ, where Keramos co-hosts MSE Game Day where students are pitted against faculty in various team building fun games meant to not only to have students and professors interact in a friendly setting but also to celebrate the end of the academic year. Events planned for this year are a relay race, water balloon toss, and volleyball tournament. This event typically has the best turnout so we are very excited to help host this year.

Senior Lab Vs. Design

November 20th 2017

In November Keramos co-hosted with Material Advantage, an informational event with the purpose of educating students in the Material Science Department at Rutgers on the differences between two types of capstone projects they could go forth with. A panel of seniors from both different types of capstone projects shared their experiences and participated in a Q&A