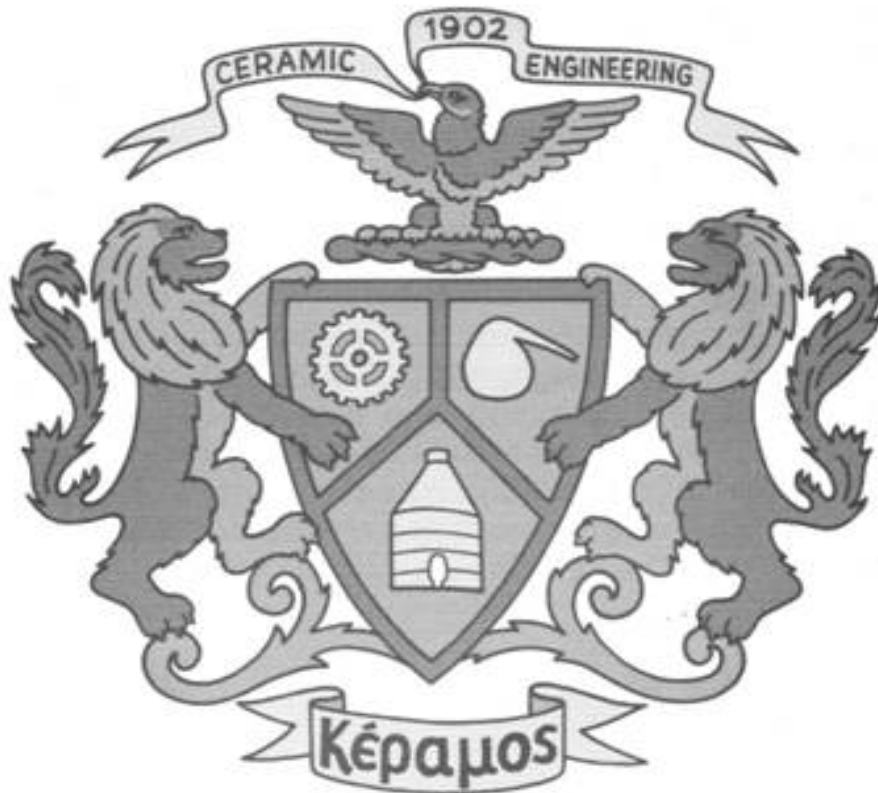


# The New York Chapter of Keramos



New York State College of Ceramics at

**Alfred University**

Annual Report

2016-2017

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# I. President's Summary

2016 – 2017 at Alfred University was quite the turbulent one for our Keramos chapter, we achieved a lot. We focused considerably on professional development as well as STEM outreach and awareness, such as a manufacturing plant tour trip to four different ceramic and glass companies and a number of volunteering events on campus. Both of these particular kinds of events were very valuable to our members, not only to broaden the awareness of ceramic engineering in our area, but to also give back to the community and get the younger generation excited about science. In addition to those events, Alfred also attended MS&T 2016, submitted a mug for dropping and supported their peers in their presentations.

In addition, the Alfred University chapter of Keramos and the Penn State University chapter of Keramos set the cornerstones for potential cooperation in the future. There was a lot of expressed interest in the Alfred chapter visiting University Park, socializing with their members, as well as getting tours of their ceramic and materials facilities. Unfortunately, we were not able to make this happen this semester, but I hope that this enables correspondence in the future.

Finally, we had considerable success with our induction ceremony; we inducted 28 new sophomores, juniors and seniors! I am optimistic about the future of the chapter's activity here on campus and the newly elected officers that will continue to grow and expand our chapter and influence. I have a lot of pride in each and every one of our members and look forward to seeing how the progress goes as well.

*Brian Oistad*

2016 – 2017 President

## **II. Annual Plan**


In the next academic year, 2017 – 2018, the Alfred University chapter of Keramos will be setting their sights on building up a solid fundraising plan for the future years. It is predicted that if we can guarantee a more solid plan of action, the possibilities for trips and larger activities opens for its members. With this kind capability within our chapter, we can succeed in getting new inductees excited about the club and ceramic engineering itself. Another goal within the next year is to obtain a quote for fixing the dollar bill validator on one of the vending machines that we use for fundraising already. We also will be planning on attending Materials Science and Technology once again in the fall, and carry with us a stronger sense of confidence in our mug drop design for resistance to impact. In addition, I would like to see more bonding activities between members in the futures.

# III. Officers

## **Incoming officers (2017-2018)**

### President

Dustin Travis



### Vice President

Daniel Delia



### Secretary

Alyssa Garbarino




### Treasurer

Andrew Barnikel



### Herald


Shannon Rogers



## **Outgoing officers (2016-2017)**


### President

Brian Oistad




### Vice President

Daniel Delia




### Secretary

Madeleine Flint



### Treasurer

Luke Rich



### Herald

Andy Ricci



## **IV. Active Members**

### **Undergraduate:**

Nickolas Cooper  
Brian Oistad  
Maddi Flint  
Alex Jackson  
Peter Hoskins  
James Horwath  
Nathaniel Jacobs  
Katie Weiss  
Kurt Bennett  
Daniel Carter  
Zachary Cesarino  
Connor Cox  
Cody Cronmiller  
Jeffrey Daneault  
Daniel Delia  
Joshua Facey  
David Guapisaca  
Hayley Katz  
Peter Lotocki  
Alicia Mayville  
Kade McGarrity  
Jenna Metera  
Andrew Ricci  
Luke Rich  
Emily Steiner

Nicholas Tostanoski  
Dustin Travis  
Ashlee Wilmier  
Ruby Wisniewski  
Alyssa Garbarino\*  
Emily Wright\*  
Lauren Sleezer\*  
Alexander Tostanoski\*  
Brennan Jelstrom\*  
Rehan Afzal\*  
Jacob Tremper\*  
Zachary Young\*  
Jason Chenenko\*  
Olivia Cronmiller\*  
Allison Hendel\*  
John Steere\*  
Adam Stark\*  
Andrew Barnikel\*  
Hunter Prior\*  
Shannon Rogers\*  
Emma Conrad\*  
Genevieve Delfin\*  
Abigail Wallisch\*  
Kyle Kemper\*  
Jordan Schools\*  
Leno Kurimoto\*  
Elizabeth Tsekrekas\*  
Josh Onofrio\*  
David Carloni\*  
Benjamin Burk\*

Nurila Kamar\*  
Liam Saccucci-Bryan\*

### **Graduate:**

Andres Garcia  
Andrew King  
Patrick Cigno  
Sean Locker  
Alec Ladonis  
Peter Metz

### **Faculty:**

Vasantha Amarakoon  
William Carty  
Alexis Clare  
Alastair Cormack  
Andrew Eklund  
Herbert Giesche  
John Gill  
Matthew Hall  
William LaCourse  
Garrett McGowan  
Scott Misture  
Steven Pilgrim  
Arun Varshneya

*\*- New Inductee*

## V. Treasurer's Report

This has been a successful year for vending machine sales. We were able to attend MS&T, as well as other events, with sufficient outside funding. However, that being said, have a larger balance than a year ago and that will enable big events with more of our new inductees in the next year. This also opens up doors for bigger fundraising opportunities and trips.

<b>Date</b>	<b>Description</b>	<b>Merchant</b>	<b>Deposit (+)</b>	<b>Withdrawal (-)</b>	<b>Total</b>
5/5/16	Vending Machine Purchase	Wegmans		<b>157.98</b>	<b>996.28</b>
5/10/16	Vending Machine Deposit		<b>729.00</b>		<b>1,725.28</b>
10/11/16	Vending Machine Purchase	Wegmans		<b>152.35</b>	<b>1,572.93</b>
10/28/16	Vending Machine Deposit		<b>411.00</b>		<b>1,983.93</b>
12/2/16	Vending Machine Purchase	Wegmans		<b>116.51</b>	<b>1,867.42</b>
12/6/16	Food & Drink - Professor Talk	Dollar General		<b>13.33</b>	<b>1,854.09</b>
		Little Sicily		<b>65.00</b>	<b>1,789.09</b>
1/26/17	Vending Machine Purchase	Wegmans		<b>77.66</b>	<b>1,711.43</b>
2/22/17	Food & Drink - Professor Talk	Dollar General		<b>15.99</b>	<b>1,695.44</b>
		Little Sicily		<b>69.00</b>	<b>1,626.44</b>
2/27/17	Vending Machine Deposit		<b>613.00</b>		<b>2,239.44</b>
2/27/17	More Coin Wrappers	Walmart		<b>5.77</b>	<b>2,233.67</b>
3/29/17	Food & Drink - Inductee Application	Dollar General		<b>14.25</b>	<b>2,219.42</b>
		Little Sicily		<b>69.00</b>	<b>2,150.42</b>

## VI. Chapter Activities

### **MS&T Salt Lake City, Utah**

This past year we attended MS&T Salt Lake City, with 6 students, which was a lower than we would have desired, but due to the distance driving would not have been feasible. Through extensive planning, we were able to send six students with the funds that we raised and the funds we paid ourselves. We are extremely grateful to the Kazuo Inamori School of Engineering, Dean's Office, Mr. & Mrs. Bernstein and the Career Development Center for helping to aid funding our trip. The trip was an extremely valuable aid in pairing the knowledge learned in the classroom to that of industry and current research. We put forth a hardy effort in the attempt at the mug drop, but a few problems led to a fatal shattering. From all of the mug drop submissions, we learned a lot and have ideas to create a competitive mug.

### **Professor Talks**

Professor talks were a huge success this year because it gives a professor a spotlight to talk about everything from how their path has led to their current state to research to advice to succeed in industry and research with the addition of questions from the chapter members. Dr. Tim Keenan and Dr. S.K. Sundaram delivered fantastic presentations that were both inspiring and intellectually satisfying. The professor talks increased attendance rates and a bond between student and faculty collaboration.



*Professor Talk, Students listen to Dr. Tim Keenan explain his past experiences.*



## Company Trip

During our Spring break we brought 6 students to visit 5 companies over the span of two and a half days. The glass and ceramic companies we visited were Boston Valley Terra Cotta, TAM Ceramics, Victor Insulators, and Guardian Industries. Unfortunately due to a storm we were unable to visit Optimax Glass. Overall the trip was a huge success because it helped to reinforce the knowledge learned in the classroom to how it is applied in industry. The trip was also a great networking opportunity to talk to employees at the company.



*Manufacture Plant Tour, In front of wind-stricken Optimax.*

## STEM Outreach & Community Events

Our chapter values these events and are sought out often to help to aid in them. The events that we've assisted with this year have been A3 in the spring and fall, as well as accepted students day twice, national engineering week and women in engineering day.. A3 is a local STEM outreach program here on campus that targets fourth through eighth grade students that aims to instill STEM aspirations and basic problem solving skills. During the open houses we assisted the engineering tours to help answer question and performed demos of glass pours, slip casting, and electron microscopy.



*April A3, volunteers taking up front of class.*

## **Fundraising**

We have continued to sell our polo's at events and continued developing slip-casted, novelty toilets. We have found value in the slip casting of novelty toilets because it helps to explain and teach our members about the concepts and tips to slip casting, however due to casting issues, the project has been delayed. In addition, we have kept our two vending machines stocked and running.



*Women in Engineering Day, Slip-casting Demonstration.*

## **Awards**

To follow tradition, Keramos continued to grant awards at Alfred University's honors convocation. As usual, the recipients were nominated by and voted for by Keramos members and Keramos donated a plaque for the John F. McMahon Ceramic Teaching Excellence Award. This year's award recipients are listed below:

### **John F. McMahon Ceramic Teaching Excellence Award**

- Dr. Matthew Hall

### **Advancement of Women in Engineering Award**

- Madeleine Flint

### **Dr. Richard C. Martin Outstanding Senior Scholarship**

- Jay Horwath

### **Dr. Richard C. Martin Outstanding Teaching Assistant Award**

- Sean Locker

**Congratulations to this year's winners!**

## VII. Summary

This has been an exploratory year for the New York State chapter of Keramos, we have gone about taking part in activities that we haven't classically, but can foresee doing more in the future. We have inducted a new, strong crowd of members that seem to have the passion and the drive to continue to expand and develop not only the chapter, but also the interpersonal, inter-chapter relationships.

As the seniors graduate and the juniors depart for co-ops and internships, there will be a priority placed on solid leadership and personal initiative so that the boundless opportunities that are waiting to be obtained can be capitalized upon by the members of the fraternity. We look forward to more chances to get the community excited about ceramics and to further develop our experiences at Alfred.

Good luck Alfred Keramos chapter 2017!

