

**Past events:**

Visiting speakers



In the fall of 2012 we had an academic speaker, Dr. Jennifer Andrew from UF who gave a seminar on her research. We learned about drug delivery and ways to better deliver drugs to the human eye. This was our first POLY/PMSE event and we had a great turnout.

**Dr. Michael Fevola – Johnson & Johnson**

**POLYMER-BASED CLEANSING TECHNOLOGIES FOR NEXT GENERATION MILDNESS IN PERSONAL CARE!**

**Thursday, March 14<sup>th</sup> 2:15 - 3:15 PM, CSE E222**

UF POLY/PMSE student chapter welcomes Industrial Fellow Dr. Michael Fevola of Johnson & Johnson Consumer & Personal Products Worldwide, presenting on the use of hydrophobically-modified polymers (HMPs) and polymerized surfactants (PSs) in personal care products.

Refreshments will be served at 2:00 PM



In the spring of 2013, we enjoyed the visit of an industrial fellow, Dr. Micheal Fevola, who works at Johnson & Johnson. We learned what is like to work in Polymer Chemistry in industry. He gave a seminar, and we also enjoyed and informal Happy Hour at The Swamp as well as a Q&A breakfast.



In the fall of 2013, we had the visit of a government lab speaker, Dr. Katherin Beers who works at National Institute of Standards and Technology (NIST) – U.S. Department of Commerce. We enjoyed an informal Happy Hour at The Swamp, and she gave a seminar followed by a Q&A session.



**Dr. Emily B. Pentzer**  
*Case Western Reserve University*

**COVALENT FUNCTIONALIZATION OF  
PLATELETS FOR CONTROLLED ASSEMBLY**

**Thursday, May 15th 4:00–5:00 PM, Leigh 309**



Two-dimensional platelets assembled at interfaces and dispersed in polymer matrices offer a route to a host of new materials and composites with interesting properties, such as conductivity and mechanical robustness. However, controlled assembly of platelets is generally hindered by their tendency to aggregate, and have poor dispersability, since solubility is defined by their chemical structure. We will report on the controlled covalent modification of two-dimensional platelets, as routes to control dispersability (solubility) and influence platelet assembly into higher order structures and at interfaces. The chemistries used for these modifications are robust and scalable, allowing for the functionalization of platelets (specifically graphene oxide and molybdenum disulfide) with a variety of small molecules and polymers, giving materials of tunable solubility.

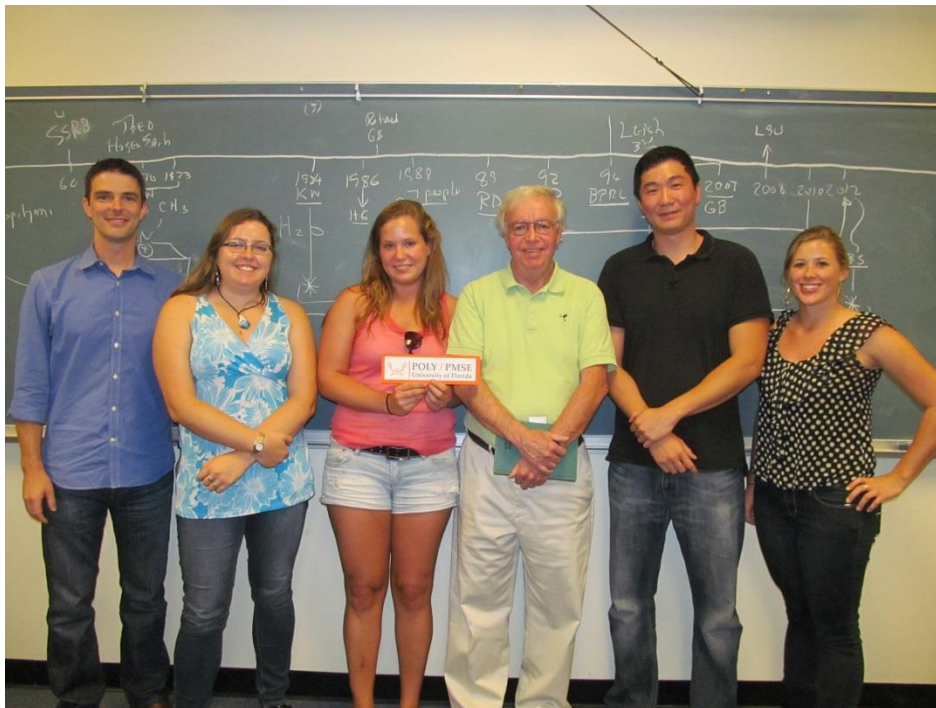
In the spring of 2014, Dr. Emily Pentzer visited us from Case Western Reserve University, where she has just been appointed as an assistant professor. She gave a seminar, and we also enjoyed an informal Happy Hour at The Swamp as well as a Q&A breakfast session.



### Other Events:

POLY/PMSE hosted a speaker from the UF Career Resource Center to give a presentation about how to prepare and improve our resumes and CVs. This is within our interest to help prepare our members for life after graduate school.

In the summer of 2013, we had a very special party to celebrate Dr. Wagener receiving the [Herman F. Mark Polymer Chemistry Award](#) from the American Chemical Society



We also get involved in outreach activities. We participated in Chemathon 2013 and 2014 performing polymer experiments for high school students, as well brought experiments to Baby Gator.

