

April 6, 2016

Title of Conference: 255th American Chemical Society National Meeting and Exposition, New Orleans, LA. March 18-22, 2018

Location: Ernest N. Morial Convention Center

Presentation: Synthesis and applications of hierarchically structured metal–organic frameworks

Dear Teaching Council Members,

With the financial support from the Teaching Council, I attended the 255th American Chemical Society National Meeting and Exposition from March 18 to 22 in New Orleans, LA. I also presented a talk titled as “synthesis and applications of hierarchically structured metal–organic frameworks”, which was partially finished by undergraduate students from Sul Ross State University.

The American Chemical Society is a self-governed individual membership organization of members at all degree levels and in all fields of chemistry. The Society provides a broad range of opportunities for peer interaction and career development, regardless of professional or scientific interests. The programs and activities conducted by ACS today are the products of a tradition of excellence in meeting member needs that dates from the Society’s founding in 1876. For the 255th American Chemical Society National Meeting and Exposition, thousands of presenters and attendees, and hundreds of expo booths, there are tremendous opportunities to share the science, network, and catch up with colleagues. There are noteworthy technical symposia organized under the theme of this meeting: the Nexus of Food, Energy & Water.

I arrived on Sunday (March 18), I attended the Presidential symposium on Water, Water Everywhere But not a Drop to Drink, where we learned from renowned scientists discussing methods of preserving, protecting and delivering clean water. Later that afternoon, I joined at another Presidential symposium exploring Science Cafes and Engaging the Public. The speakers discussed best practices and tips for initiating Science Cafes in the communities. In the next two days (March 19 and March 20), I attended education-focused programs and specialty activities. On the meeting, the Society’s Congressional Charter explicitly lists among its objectives “the

improvement of the qualifications and usefulness of chemists through high standards of professional ethics, education and attainments....". On March 21, I attended the Division of Chemical Education and the ACS Education Division which is sponsoring the Chemistry Teacher Program. This division covers presentations on current pedagogies, resources, and activities. On March 22, I attended the James Bryant Conant Award in High School Chemistry Teaching, sponsored by the Journal of Chemical Education and gave an oral talk based on our latest research results.

Especially, in the Division of Analytical Chemistry, I found one report named "Active Learning in the Undergraduate Analytical Chemistry Curriculum" was very useful for our chemistry program. Currently we offer Analytical Chemistry to the chemistry major students and the ideas from the talk can help us to solidate or improve our undergraduate analytical chemistry curriculum. For my oral presentation, I discussed the related research results completed by our students and I also mentioned how to mentor the students and presented the research techniques learnt by the students from the research project.

Finally, I would like to thank the SRSU Teaching Council for supporting me to attend the 255th American Chemical Society National Meeting and Exposition. The latest education information, education techniques and scientific discoveries obtained from this conference will be used to improve undergraduate teaching and education at SRSU. At the same time, the new ideas and learning from the conference will greatly improve my teaching and improve my teaching styles in the undergraduate students' education at SRSU. Thank you!

Kind Regards,



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