



# 1<sup>st</sup> CALL FOR PAPERS

## 63<sup>rd</sup> Annual Oklahoma ACS Pentasectional Meeting

Saturday, April 21<sup>st</sup>, 2017

**The University of Tulsa, Keplinger Hall, 430 S. Gary Place, Tulsa, OK 74104**

The 63rd Annual Oklahoma ACS Pentasectional Meeting will be held on the campus of The University of Tulsa. Registration will include a ticket for the Oklahoma Chemist Banquet, during which the 2018 Oklahoma Chemist of the Year will be presented. Throughout the day, a general poster session accepting submissions from all fields of chemistry will be held in addition to papers for oral presentation.

**Oral Papers:** Papers for oral presentation will be accepted in the following areas:

- Analytical
- Environmental
- Inorganic/Organometallic/Materials
- Organic/Biochemistry
- Physical/Computational

Computer (powerpoint) and overhead projectors will be available.

**Poster Session:** A general poster session accepting submissions from all fields of chemistry will be held.

**Abstracts:** The template provided on the 2<sup>nd</sup> page will serve as the accepted form for abstract submission. Submit paper and poster abstracts electronically (as an MS Word document) directly to [oklahomapentasectional2018@gmail.com](mailto:oklahomapentasectional2018@gmail.com) or through the event website at <https://gabriel-leblanc.wixsite.com/2018pentasectional>. **Abstracts are due by March 30<sup>th</sup>, 2018.**

**Pre-registration deadline is April 13<sup>th</sup>, 2018 and is strongly encouraged** through <https://www.eventbrite.com/e/63rd-annual-oklahoma-pentasectional-meeting-of-the-american-chemical-society-tickets-42634108767> or the event website, <https://gabriel-leblanc.wixsite.com/2018pentasectional>.

### Contacts:

Angus Lamar [angus-lamar@utulsa.edu](mailto:angus-lamar@utulsa.edu)

Gabriel LeBlanc [gabriel-leblanc@utulsa.edu](mailto:gabriel-leblanc@utulsa.edu)

## ABSTRACT TEMPLATE

### **Title of Your Abstract using Standard Mixed Case for Capitalization in Bold Letters, Times New Roman 12 Point Font, and Left Aligned**

Presenter Name,<sup>1</sup> Second Author Name,<sup>1,2</sup> Other Author Names,<sup>3</sup> and Corresponding Author Name<sup>1\*</sup>;

<sup>1</sup>*Affiliation University for Authors at (1)*, <sup>2</sup>*Affiliation Company for Authors with (2)*

Abstract text placed here. Please include brief (150 words or less) description of the work to be presented using language that can be easily understood by a general audience of chemists.

(Please delete the instructions above and the example below before abstract submission):

### Example:

#### **Versatile Activation of N-X Reagents using Organic Dyes under Visible-Light Photocatalytic Conditions**

Angus A. Lamar,<sup>1\*</sup> David A. Rogers,<sup>1</sup> and Adam T. Bensalah<sup>1</sup>;

<sup>1</sup>*The University of Tulsa*

Visible-light photoredox catalysis has recently become an incredibly powerful method for the generation of reactive radical species. Commonly employed transition-metal catalysts Ru and Ir are relatively expensive and mildly to very toxic. Recently, select organic dyes were shown to exhibit similar and in some cases superior activity as photoredox catalysts. These organic dyes are drastically less expensive but currently underutilized. A screening of organic dyes for N-X bond activation in our research group has resulted in the discovery of unique, versatile reactivity utilizing a dye that has yet to be reported, or even tested, as a visible-light photocatalyst. Our recent results regarding the formation of carbon-nitrogen C-bonds as well as carbon-halogen C-bonds from hydrocarbon arenes and electrophilic reagents will be presented.

### **Please fill in all information below:**

A. Please indicate which division you believe this abstract will be best placed:

Organic   Inorganic   Analytical   Physical   Environmental   NASA EPSCoR

B. Please indicate preference:   Oral Presentation   Poster Presentation

C. Corresponding authors contact information

a. Phone:

b. E-mail:

D. Note that all presenting authors must register for the meeting either online or on-site.

a. Online registration at: <https://www.eventbrite.com/e/63rd-annual-oklahoma-pentasectional-meeting-of-the-american-chemical-society-tickets-42634108767>

E. Abstracts should be submitted as an e-mail attachment to [oklahomapentasectional2018@gmail.com](mailto:oklahomapentasectional2018@gmail.com)

F. Additional information can be found at: <https://gabriel-leblanc.wixsite.com/2018pentasectional>