



Please send submissions to Steve Lundback, [lundback@msu.edu](mailto:lundback@msu.edu), 212 Biochemistry (Mailbox on 2<sup>nd</sup> Floor)

## Announcements

### [Graduate and Professional Student Fall Welcome Cookout](#)

The Council of Graduate Students and Graduate Student Life and Wellness host the Cookout as a way to introduce new students to Michigan State University and allow returning students to engage in positive, fun, and enriching outdoor activities to celebrate the beginning of the academic year. This coincides with the Graduate Resource Fair on August 25.

### [Professional Grant Writing Workshop](#)

September 12-13, 8:30 AM – 4:30 PM, Room 61 Kellogg Conference Center. Registration required.

### [2018 Women in Science Conference](#)

This three-day event will be hosted by the Association for Women in Science, Notre Dame Chapter (AWIS-ND) and will be held during October 5-7. The Conference is designed to provide graduate student women in science, technology, engineering, and mathematics a venue for networking and professional development.

### [Research Ride Shuttle](#)

A shuttle service is available to faculty, staff, and students engaged in research activities. Access requires registration, and rides need to be reserved at least 30 minutes in advance. The service is available Monday – Friday from 7:30 AM – 4:00 PM.

## Noteworthy News



The Kuo lab was recently awarded a National Science Foundation grant for a 4-year project entitled “Triacylglycerol and lifespan control in a model organism *Saccharomyces cerevisiae*”. This project aims to understand the molecular and genetic underpinnings for the lifespan preservation function of triacylglycerol. Two former students, Xiaobo Li and Witawas Handee, discovered that intracellular triacylglycerol is essential for yeast cells to maintain maximal lifespan in the post-mitotic, stationary growth phase. This novel function is apparently distinct from the canonical function of energy provision, is likely linked to the metabolism of free radicals in cells, and is reminiscent of the phenomenon of “obesity paradox”. That is, the lowest mortality of modern societies is frequently found to fall on the overweight, not the fit, population. Studies on a model organism may shed light on public health. The Kuo lab plans to recruit two graduate assistants for this project starting in September, 2018.

**SPARTANS WILL.**