

Be sure to

# VOTE!

Unique ballots were emailed to all WI Local Section members.

Vote, then *record* your vote.

Do it by Thursday, 11/15.

Wisconsin ACS Local Section Elections for 2019: Listed below are the nominee's for each of the three open-positions for the WI ACS Local Section Elections. The Chair/Chair Elect, Secretary and Treasurer are 1-year term positions and have the possibility for renewal.

Each ACS member has received a unique link to this ballot. The individual link can only be used once. All submissions of the ballot are strictly confidential and untraceable. Please indicate your preference for each position by either voting for the nominated individual or writing in the name of an additional candidate (who is a Local Section member) using the 'write-in' category. Voting will close on Nov. 15th.

**Chair Elect/Chair (Chair Elect in 2019/Chair in 2020; 1-year term):**

Stacey Balbach: Stacey Balbach has been teaching high school chemistry for over 23 years. A graduate of Luther College, she holds a Master's degree in Education from the University of Wisconsin-River Falls and PreK-12 Principal and Director of Instruction License from Vilfredo University. She is passionate about reawakening the inner scientist in her students by helping them to experience the beauty and purpose of science revealed in everyday applications.

Write-in: \_\_\_\_\_

Abstain

**Treasurer (1-year term):**

Iliia A. Guzei, PhD: Dr. Iliia A. Guzei is the crystallographer at the Chemistry Department of UW-Madison. Iliia has co-authored over 500 publications, organized several local and national meetings, and served on university committees. As the current local section treasurer, Iliia introduced a new outreach grant program for the local section members in 2017.

Write-in: \_\_\_\_\_

Abstain

**Secretary (1-year term):**

Cheri Barta, PhD: Dr. Cheri Barta began her career as a tenure-track faculty member at the University of Nebraska-Kearney. In 2011, she accepted a position in the Chemistry Department at UW-Madison as the Undergraduate Research Director where she thoroughly enjoys interacting with undergraduates, graduate students, postdocs, staff and faculty. She has served the ACS in a variety of capacities including holding office as the President of the ACS student chapter at her undergraduate institution, faculty advisor to the University of Nebraska-Kearney ACS student chapter, and has been the secretary of the WI ACS Local Section for the past two years. She is looking forward to serving the section for another year.

Write-in: \_\_\_\_\_

Abstain

>>

Click to  
*record*  
your vote

## Celebrating Undergrads: ACS Hach Scholars



**Mackenzie Miller**  
ACS Hach Scholar

Mackenzie Miller graduated UW-Madison with a Chemistry degree and an Education and Educational Services certificate in May 2018. During her undergraduate career, Mackenzie was a teaching assistant for two semesters of General Chemistry and one semester of the Introductory Organic Chemistry Laboratory. One highlight of her experience as a TA was giving a guest lecture on thermodynamics during a General Chemistry whole class meeting.

She is currently pursuing a Masters in Curriculum & Instruction at UW-Madison and will be dual certified to teach Chemistry and English as a Second Language by August 2019. Mackenzie is looking forward to fall 2019, when she will begin her career in secondary science education.



I work on a project in the Cavagnero Group using single-molecule fluorescence confocal microscopy to examine the conformations of nascent protein chains bound to the ribosome. I designed and assembled the confocal microscope for single-molecule Förster Resonance Energy Transfer (FRET) experiments of ribosome-bound peptide chains labelled with two fluorophores. My current research goal is to incorporate two fluorophores of interest into the nascent protein chain sequence during protein translation. This sample will be used for single-molecule FRET experiments, in which data regarding photon arrival time, FRET efficiency and anisotropy of individual nascent chains will be collected. This data will be used to distinguish and analyze conformational subpopulations of



**Tess Carlson**  
ACS Hach Scholar

ribosome-bound protein chains which have been previously undetectable in bulk experiments.

I will be graduating in the spring! I am currently applying to graduate schools for a Master's Degree in Secondary Science Education, and I plan to teach high school chemistry in a high-need school district following graduate school.

