



News

25 June,
2018



SWOSU Biology Students and Tri-Beta Chapter Earn Awards at National Convention

Photo Caption: SWOSU's Delta Sigma Tri-Beta chapter was recognized as an Outstanding Chapter at the recent national convention in Monterey (CA). Accepting were (front from left): Chelsea Miller and Sara Hutchinson. Back from left-- Dr. Regina McGrane, Devin Widick, Ashna Dhoonmoon, Brooke Rankin, Jay Garber and Dr. Christopher Horton.

Southwestern Oklahoma State University biology students in Weatherford recently won awards at the Beta Beta Beta Biological Honors Society National Convention in Monterey (CA).

SWOSU's Delta Sigma chapter was recognized as one of three Outstanding Chapters nationally. Chelsea Miller of Yukon, Brooke Rankin of Elgin, and Sara Hutchinson of Oklahoma City received second, third, and honorable mention, respectively, in the Microbiology Poster competition. Jay Garber of Manhattan (KS) received honorable mention in the Molecular and Cellular Biology Oral competition.

Also attending were SWOSU students Ashna Dhoonmoon of Mauritius, East Africa, Devin Widick of Woodward and club sponsors and research mentors Drs. Christopher Horton and Regina McGrane.

The students received travel awards from Tri-Beta, OK-INBRE and the SWOSU Department of Biological Sciences to present their research findings to faculty and students from 45 universities at the convention. Research presentations were:

- Dhoonmoon—Investigating the effects of innate stimuli on B7 molecules in bulk splenocytes vs. sorted cells
- Garber—Investigating the effects of varying surface conditions on phytopathogens
- Hutchinson, a spring 2017 SWOSU graduate—Investigating phytopathogen transitions from aquatic to surface based environments
- Miller—Looking beyond the leaf: understanding the impacts of motility on *Pseudomonas syringae* seed colonization
- Rankin—Ice Nucleation: a look at evolutionary significance beyond frost injury
- Widick—Using the co-receptor protein B7-H4 to promote Tfh cell accumulation”.

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