

Academic Year 2019-2020
Diversity and Inclusion Reporting
Northwestern Oklahoma State University

1. Academic Unit/Division/Department/Administrative Office:
Department of Natural Science

2. Faculty and Staff Events, Activities, On-Campus and Off-Campus Conference Attendance and Presentations:
 - a. Departmental Events:
 - i. 18th annual Heartland BEST Robotics: free STEM competition for schools in the region (each fall) [Steve Maier, Jenny Sattler, Jason Wickham, Cornelia Mihai, Aaron Place; Joint effort with Department of Mathematics and Computer Science and community volunteers]
 - ii. 64th annual Regional Science Fair (each spring) [Steve Maier, Steven Thompson, Venkata Moorthy, Jenny Sattler, Jason Wickham; Aaron Place; With support from faculty members of several different departments and emeritus faculty]
 - iii. Host of "Program in a Box" from the American Chemical Society: The Future of Food; made available to area public schools [Jason Wickham]
 - iv. Invited speaker open to all science students, Cheryl Walk: OU Health Sciences speaker (Allied Health) [Venkata Moorthy]
 - v. Invited speaker open to all science students, Christopher Horton: OU Health Sciences speaker (Graduate Programs in biomedical sciences) [Venkata Moorthy]
 - vi. Invited speaker open to all science students, Brent Ross: OU Health Sciences speaker (College of Medicine) [Venkata Moorthy]
 - b. Conferences Attended:
 - i. September, November, and March Oklahoma section meetings of the American Chemical Society (3 - 13 NWOSU students attending each) [Jason Wickham]
 - ii. Southwest Regional Meeting of the American Chemical Society (2 NWOSU students attending) [Jason Wickham]
 - iii. 2020 Oklahoma Research Day (2 NWOSU students attending) [Jason Wickham]
 - iv. 2019 Pentasectional Meeting of the American Chemical Society (2 NWOSU students attending) [Jason Wickham]
 - c. Activities
 - i. Recipient of new OCAST grant; supports NWOSU internships [Jason Wickham]
 - ii. Invited campus speaker organizer; open to all science students [Venkata Moorthy]
 - iii. Publication: Changing culture and climate to prevent sexual harassment in the physics education setting, *The Physics Teacher*, Vol. 58, 2020 [Steven Maier]
 - iv. Publication: Impact of the Next Gen PET curriculum on science identity, PERC Proceedings, 2019 [Steve Maier]

3. Special recruitment events and activities for underserved and/or minority populations:

- a. Ranger Preview
 - b. Spring Showcase
 - c. High School senior scholarships for the Northwest Oklahoma Regional Science Fair; \$2,000 total in scholarships awarded
 - d. High School junior and senior scholarships for Oklahoma State Science & Engineering Fair top finishers; ten \$1,500 scholarships awarded
4. Faculty and Staff Supportive Services to underserved and/or minority populations:
- a. Medical Sciences Club worked with Holder Drug to create first aid kits to donate to NWOSU's Campus Cabinet [Jenny Sattler]
5. Alternative Educational Delivery Methods Employed during the Covid-19 Crisis:
- a. Synchronous class meetings
 - b. Asynchronous class meetings
 - c. Recorded lectures
 - d. Recorded short clips of exercises/demos
6. Certifications Achieved:
- NA