

Professional Development Grant Follow-up Report

By

Jacob Grosskopf

For

“Atoka Sedimentation History Conference Presentation”

B. Restatement of Purpose:

A year's worth of original research was presented by myself and two undergraduates at the Geological Society of America Joint Section meeting in Manhattan, KS, USA from March 25–27, 2019.

The meeting was held at the Manhattan Conference Center. The proposal funded my travel and room and board for the duration of the conference.

Abstracts for the two technical presentations concerned the sedimentation history of a specific interval of rock called the Upper Atoka Formation. Their titles were “UNLOCKING THE UPPER ATOKA SEDIMENTATION HISTORY USING THE ROCK PROPERTY OF MAGNETIC SUSCEPTIBILITY” and “UPPER ATOKA OUTCROP TO SUBSURFACE CORRELATION AND SEDIMENTATION HISTORY USING MAGNETIC SUSCEPTIBILITY”.

C. Review of Opportunity

My goal for sharing this research was to increase notice of this analytical method for grant funding in the future, and build collaborations between research groups bridging undergraduates in the ATU Geology program to graduate programs in the region. My total proposed budget was \$1178.03. I used all of the available funds with a total of \$1270.53.

D. Outcomes and Experiences

I received good feedback on the topic, and used this to write a manuscript that was submitted to the Geological Society of America Bulletin (a peer-reviewed journal). This is what was mentioned in the grant proposal as the way the results will be disseminated. The article was submitted on 05/25/2019 for the journal to review.

E. Conclusions

I am greatly appreciative for the funds allotted to me so that I could share my research with the scientific community. I will apply for this grant again because I have seen its benefits to ATU and publicizing my regional research to a bigger portion of the nation.