

Agency/Organization: University of Nevada, Las Vegas

Project Name: Pocket Mouse Conservation Physiology

Project Number: 2023-UNLV-2340b

Reporting Period: 1 July 2025 – 30 Sept 2025

Project Contact Name and Information:

Sean Neiswenter
702/895-2645

**QUESTION 1: What did you accomplish during this reporting period?
How did these accomplishments help you reach the goal of your project?
If relevant, what indicators or benchmarks were used to determine your progress?**

We have completed respirometry on all individuals. The experiment for the transcriptomics portion of the project was also completed. RNA was extracted and sent for sequencing. Genomic data has been delivered to the county. These are the final data collection activities for the project. Sean Neiswenter presented a portion of the research at the County's annual project review symposium in August.

QUESTION 2: What, if any, problems were encountered? Briefly describe those problems and the manner in which they were dealt.

No problems have been encountered during this quarter.

QUESTION 3: What, if any, proposed activities were not completed? Briefly describe those activities, the reasons they were not completed and your plans for carrying them out.

All proposed activities up to this point have been completed. These include Milestones 1-3 and Deliverables 1-8.

QUESTION 4: What is the calculated percent of work completed?

80%

**QUESTION 5: Do you foresee any upcoming problems with future project activities?
If so, how do you propose to overcome those problems?**

We currently do not foresee any upcoming problems. The remaining deliverables are the Final Project Data and Report and the Disposition of Specimens.

QUESTION 6: Is there anything else you want to tell the DCP about this project?

No

QUESTION 7: What was produced during the reporting period?

Respirometry data, RNA sequence data, Presentation at the annual symposium.