

Research

Amplicon Sequencing at UConn MARS

This student is doing research in the Hird Lab at UConn Storrs, where they are performing 16S ribosomal DNA PCR tests on DNA samples to detect the presence of archaea in different species of birds. The next step in this project is to sequence the DNA so that they can analyze the data that is obtained. The student's enrichment request will fund the sequencing, which will be done off-site.

Below are the budget sheet and email from Prof. Hird that approves the activity and itemizes the cost of the sequencing.



Presidential Scholars Enrichment Award

BUDGET WORKSHEET

*This worksheet is to help you organize your budget before submitting your request for an Enrichment Award.
If you are requesting funds for Study Abroad, please use the estimates provided by Experiential Global Learning.*

Category/Item*	Explanation	Amount		
Research	<i>(Supplies and/or consumables in the lab, printing & copying, travel to collections, etc.)</i>			
laboratory supplies/equipment				
mileage				
other				
Professional Development	<i>(Travel for research purposes or to attend pre-professional or academic conferences.)</i>			
mileage				
airfare				
hotel /room costs				
meals/board				
registration fees				
Study Abroad	<i>(Students may use the award funds ONLY for travel and foreign room and board.)</i>			
airfare				
room costs				
meals/board				
Internship	<i>(Items covered may include room, board, mileage/transportation, etc.)</i>			
mileage				
airfare				
hotel /room costs				
meals/board				
Volunteer/Service Costs	<i>(Costs associated with approved volunteer or UConn-sponsored service activities)</i>			
mileage				
airfare				
hotel /room costs				
meals/board				
Total Enrichment Experience Cost				
Total Enrichment Award Amount Requested				
Funds from other sources	Please list sources and amounts of funding you expect in addition to this award			
*Documentation for each expense listed will be required within the Presidential Enrichment Award Application				



Award Approval Letter

Hird, Sarah <sarah.hird@uconn.edu>

Wed, Oct 18, 2023 at 11:26 AM

Hello –

[Student] has been working in my lab on a research project centered on the microorganisms that live in the feces of multiple bird species. The final data collection stage of this project is the DNA sequencing, which she is requesting funds for. I approve of her project and this use of funds (\$1968 for DNA sequencing of 96 samples at \$20.50/each). Please let me know if you have any questions.

Thank you, Sarah

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Sarah M. Hird

Associate Professor: Department of Molecular & Cell Biology;

Director: Women in Math, Science & Engineering (WiMSE) Learning Community;

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