

BUDGET JUSTIFICATION

Frodo B. Underhill

PhD Student, Biological Sciences, University of Idaho

Project Title: Integrated Data-Intensive Methods for Complex Real-World Systems Research Programs

Category	Year 1	Year 2	Year 3
Senior/Key Personnel	\$12,000	\$12,360	\$12,731
Other Personnel	\$30,000	\$30,900	\$31,827
Fringe Benefits	\$8,800	\$9,064	\$9,336
Travel	\$5,000	\$5,000	\$5,000
Supplies and Operations	\$9,000	\$9,000	\$9,000
Computing and Storage	\$5,000	\$5,000	\$5,000
Tuition	\$5,800	\$8,755	\$9,018
Publication and Data Sharing	\$1,000	\$1,500	\$2,000
Total Direct Costs	\$79,300	\$81,579	\$83,912

The budget supports integrated personnel effort, domain operations, and data-intensive analysis across the synthetic project lifecycle.

Requested direct costs align with reusable outputs and downstream evaluation rather than capital-intensive equipment acquisition.

Personnel

Frodo B. Underhill serves as project lead, with requested effort supporting study design, oversight, interpretation, and dissemination. Additional personnel support ensures continuity across the major workstreams defined in the project aims.

Other Direct Costs

Other direct costs are aligned with the data, coordination, and dissemination needs of the synthetic project package, including domain operations, compute, and release-ready outputs for downstream reuse.