Personnel
Jane Doe, Ph.D. (Principal Investigator) will be responsible for directing all phases of this project and will provide particular expertise in the area of modeling and testing the exoskeleton material. Her area of expertise includes mechanics based modeling, testing of advanced materials and structures, and nanoindentation.

Jill Doe, Ph.D. (Co-Investigator). Her area of expertise pertains to biomechanics of mineralized tissue, bioimaging, and histology. She will be responsible for mapping and imaging the exoskeleton structure. She requests 1/4 summer month in year one and two.

Graduate Students at 100% effort: for Year One: one (1) student, for Years Two and Three: two students (2). The rate of fringe benefits is 4%. The research assistants will conduct the majority of the experimental and numerical work under the direction of the PI and Co-PI. The students will be working towards their Master’s or PhD degree.

Fiscal Coordinator will spend 2% FTE overseeing the financial requirements of this project. Ms Doe’s salary at 2% FTE is $825 in year one, $850 in year two, $875 in year three.

Travel
Will be used for travel to review meetings associated with the funded work.

Supplies
Funds of $11,300 are requested for a lap top computer and on campus user fees; anticipated cost for materials for the lab; and for miscellaneous supplies.

Equipment
Funds of $4,820 in year three are requested.

Publications
Funds are being requested for reprint costs, literature review materials, and poster presentations by the graduate student, and anticipated publication costs associated with the research findings.

Indirect Cost
The University of Delaware’s overhead rate is 53%