

Investigator Name Project Title Project Dates	Project Costs
Fringe Eligible Personnel:	
1. Technician	
Base Salary (12 month salary)	\$48,000
Calendar Months	6.0
Salary Requested	\$24,000
Fringe Benefits (55.6 %)	\$12,574
Total for Technician	\$36,574
Total Fringe Eligible Personnel Costs	\$36,574
Travel:	
1. Domestic	\$5,420
Total Travel	\$5,420
Other Costs:	
1. Supplies	\$1,250
2. Software	\$3,300
Total Other Costs	\$4,550
Total Project Costs	\$46,544

Justification: Funds are requested to support 50% of a Technician. Preliminary work has shown that it takes about 1 week to make a biomimetic vertebral column (BVC) - from designing it on the computer, to printing and adding other materials to maintain integrity. Due to this time commitment, it is vital that the PI has additional help to push the project forward at a constant pace; this will ensure completion of the pilot study in time for the next round of NSF grant proposal deadlines. Funds are also requested for travel to Vassar College to use their mechanical bending equipment to calculate the properties of the BVCs. We also request funds for materials, which include supplies to make the BVCs and for a 1 year seat of Mimics Materialise Software with 3Matic (CAD) extension which will be used to digitally create the BVC models.