



UConn IDEA Grant Budget Example

Item Name	Explanation	Quantity	Unit Price	Total Item Price	Link
Arduino Micro	The arduino is the brain of the device, controlling motors and receiving input from the EMG board.	2	24.95	49.9	Hyperlink
EMG Sensor Kit	The EMG board is what allows the Arduino to know how stressed the muscles are.	2	39.85	79.7	Hyperlink
Force Sensors	The force sensors will allow the arduino to know when the hand has successfully grasped an object and should stop applying force.	10	17.95	179.5	Hyperlink
Lithium Ion 3.7VDC Battery Packs	These battery packs will power all the electronics onboard.	4	29.5	118	Hyperlink
Powerboost Lithium Ion Battery Charger and Voltage Booster	This chip takes the 3.7 volts that the batteries produce, and bumps it to 5.2 volts, which is enough to power the arduino. This chip also includes a charging circuit	2	19.95	39.9	Hyperlink
Metal Gear High Torque Servo Motor	These servos will articulate the fingers of the device. Their incredibly high torque will allow them to grasp heavy objects.	5	124.99	624.95	Hyperlink
Soldering Iron	Necessary to solder components and boards together. Variable temperature to ensure sensitive components aren't heated beyond capacity.	1	97.45	97.45	Hyperlink
Assorted Electronics	Connectors, wires, solder, jumpers, headers, heatshrink, solder braid, insulation, and other necessary items to solder the circuit.	1	250	250	N/A
PLA FDA Approved Filament	This material is what the majority of the device will be constructed from. Strong and reliable, PLA is the ideal choice for a prosthetic device.	6	49.95	299.7	Hyperlink
Ninjaflex Elastomer Filament	Ninjaflex will be used to print a mock-up socket.	4	59.95	239.8	Hyperlink
Kapton Tape Spool	Kapton tape is a necessary item in 3D printing, it provides a smooth, gripping surface upon which the molten filament will grip.	1	29.99	29.99	Hyperlink
XTC3D Print Coating	This coating greatly improves the integrity of 3D printed parts, reducing likelihood of layer delamination	2	26.15	52.3	Hyperlink
Octave 3D Printed Part Toolkit	Due to the fact that the parts that are being printed are very intricate and fine in detail, a large amount of support material will be necessary to yield successful prints. These tools are designed to remove this material easily and cleanly.	1	19.95	19.95	Hyperlink
Upholstery Foam	A configuration of this material will line the socket to provide comfort to a potential user.	1	27.26	27.26	Hyperlink
Dental Bands	These small rubber bands will give the fingers a naturally outwards articulation, allowing the servos to power down the majority of the time, saving on power.	2	5.25	10.5	Hyperlink
TOTAL REQUESTED				2118.90	

UConn IDEA Grant Budget Example

UConn IDEA Grant
imagine / develop / engage / apply



ITEM/EXPENSE	EXPLANATION	QUANTITY	COST PER UNIT	TOTAL COST	LINKS
Track Lighting Set	Two sets are needed to highlight specific parts of the art installation	2 sets	\$60 per set	\$120	Link
Light Bulbs	Needed for the track lighting set	2 sets	\$7.50	\$15.00	Link
Roll of heavy weight oil primed linen canvas	Necessary for paintings	1	\$358	\$358	Link
Gamblin Artist's Oil Color- 16 oz. Cans	Alizarin Crimson 83.21 Burnt Umber 50.96 French Ultramarine 63.71 Cadmium Yellow Light 114.71 Titanium White (32oz) 93.71	1 can of each		\$406.30	Link
Liquid Oil Painting Medium	To thin paint for adding desired texture and quickens drying time of paint	1	\$35	\$35	Link
Faber Castell India Ink Pens	For sketches and smaller line-work	1 set of 24	\$58.99	\$58.99	Link
Assortment of Chroma Atelier Interactive Artists' Acrylic, 80 ml.	Paint for creating smaller paintings Cadmium Yellow Light 10.84 x2 Burnt Umber 5.57 x2 Burnt Sienna 5.57 x2 Cadmium Red Medium 10.84 Crimson 5.57 French Ultramarine 6.74 x2 Titanium White 5.57 x2			\$84.69	Link

Framing Materials (thin wood or other support)	Necessary for mounting the paintings			\$100	Link
Turpenoid	Weber Odorless Turpentine- 32 oz. Bottle 2 @ 10.99 each	2 bottles	\$13.30	\$26.60	Link
Stretcher Bars	For stretching canvas			\$30	Link
Gesso	Priming Material	1	\$39	\$39	Link
Gesso Brush	Priming Material	3	\$2.93	\$8.79	Link
Liquin	Painters Medium	1	\$35	\$35	Link
Large format color printing from UConn's DASL	For printing digital art pages. DASL can print the large sizes needed for the installation.			\$240	Link
Promotional Postcards	To market the art installation	200 full color 2-sided		\$45	Link
Promotional Posters	To market the art installation	50 full color 11"x17"	.39	\$19.50	Link
Exhibition Handouts	For the exhibition, I wish to have handouts that the viewers can keep when they leave the space. They will most likely be some sort of small print of the drawings, or perhaps a small book that summarizes the project's conceptual framework alongside quality prints of the drawings.			\$300	Link
Stipend	I anticipate spending 8 hours per week during the Fall and Spring semesters (14 weeks each) working on my project. This will take away from the time I normally spend working an on-campus job.			\$2560	
Total Amount Requested				\$4482	

UConn IDEA Grant Budget Example

UConn IDEA Grant
imagine / develop / engage / apply



ITEM/EXPENSE	EXPLANATION	QUANTITY	COST PER UNIT	TOTAL COST	LINKS
Optical Adhesive Cover	Consumable for obtaining quantifiable gene expression using Real-Time RT-PCR	1	\$69	\$69	Link
qPCR Plates	Consumable for obtaining quantifiable gene expression using Real-Time RT-PCR	1	\$81	\$81	Link
0.10-10 ul pipette tip	Consumable used for precise volumetric measurements	1	\$11.50	\$11.50	Link
1-200 ul pipette tips	Consumable used for precise volumetric measurements	1	\$9.25	\$9.25	Link
250-1000 ul pipette tips	Consumable used for precise volumetric measurements	1	\$11.25	\$11.25	Link
Gloves	Personal protective equipment	2	\$7.42	\$14.84	Link
Qiazol	Reagent necessary for extracting RNA from tissue samples	1	\$262.83	\$262.83	Link
ANTI-Rnase	Reagent used to protect sample from degradation in sample	1	\$91.00	\$91.00	Link
Turbo DNA-free kit	Reagent used for eliminating genomic DNA from RNA sample	1	\$98.00	\$98.00	Link
Superscript II	Reagent for converting mRNA to cDNA	1	\$245.50	\$245.50	Link
iTaq Universal SYBR	Reagent for determining quantifiable gene expression using Real-Time RT-PCR	1	\$401.25	\$401.25	Link
OligoDT	Reagent used for converting mRNA to cDNA	1	\$99.00	\$99.00	Link
PCR Primers	Reagent used in Real-Time RT-PCR to determine expression of specific genes	22	\$9.50	\$209	Link

IGF-IR antibody (100μl)*	Reagent used in Western blots to determine protein expression	1	\$235	\$235	Link
IGF-I antibody (100μg)	Reagent used in Western blots to determine protein expression	1	\$424.00	\$424.00	Link
ACC antibody (100μl)	Reagent used in Western blots to determine protein expression	1	\$235.00	\$235.00	Link
FAS antibody (50ug)	Reagent used in Western blots to determine protein expression	1	\$307.00	\$307.00	Link
PPAR α antibody	Reagent used in Western blots to determine protein expression	1	\$279.00	\$279.00	
Stipend	I plan on working – hours per week over – weeks. This will take the place of my summer job.			\$----	
Total Amount Requested				\$----	

UConn IDEA Grant Budget Example

UConn IDEA Grant
imagine / develop / engage / apply



ITEM/EXPENSE	EXPLANATION	QUANTITY	COST PER UNIT	TOTAL COST	LINKS
SanDisk – Ultra Plus 32 GB SDHC Class 10 UHS-1 Memory Card	For temporarily storing class sessions	1	\$69	\$69	Link
Dance Integration: 36 Dance Lesson Plans for Science and Mathematics	For dance/math education	1	\$35.10	\$35.10	Link
Teaching the Common Core Math Standards with Hand-On Activities, Grades 3-5	For use in lesson planning and finding relevant activities	1	\$28.50	\$28.50	Link
Common Core Mathematics: Grade 5, Modules 1-6	For keeping with Common Core math lessons	1	\$100.63	\$100.63	Link
Music-Math: Exploring Different Interpretations of Fractions	For planning math and music lessons	1	\$2.00	\$2.00	Link
Teaching Inclusive Mathematics to Special Learners, K-6	For incorporating learning disabilities into the classroom	1	\$29.73	\$29.73	Link
The IEP from A to Z: How to Create Meaningful and Measurable Goals and Objectives	For help in assessment and understanding IEPs	1	\$21.19	\$21.19	Link
Music-math Integrated Activities for Elementary and Middle School Students	For help in creating age-appropriate music and math lessons	1	\$29.00	\$29.00	Link
Multiple Intelligences in the Classroom	For understanding the different methods of teaching and learning	1	\$18.29	\$18.29	Link
Crayola Markers Classpack, 256 per Box, Assorted	For art lessons	1	\$58.34	\$58.34	Link
Dixon Ticonderoga Pencils, #2, Box of 96	For classroom use	1	\$15.02	\$15.02	Link
Elmer's Washable School Glue Sticks, 30 Pack	For art lessons	1	\$11.99	\$11.99	Link
Scotch Magic Tape, 3 Pack	For art lessons	1	\$3.99	\$3.99	Link
7-Piece Original Dry Erase Organizer Kit	For classroom use	1	\$9.16	\$9.16	Link

Paper Mate Pink Pearl Erasers, 24 ct.	For classroom use	1	\$8.69	\$8.69	Link
Crayola Classpack Crayons, 400/set	For art lessons	1	\$45.28	\$45.28	Link
Ampad White 300 ct. Grid Paper	For art lessons	1	\$13.44	\$13.44	Link
Multi-Use White Paper 1500 Sheets	For classroom use	1	\$14.99	\$14.99	Link
SunWorks Construction Paper, 300 ct	For art lessons	1	\$9.19	\$9.19	Link
Verbatim Recordable Disc 50-Disc Spindle	For recording sessions and music for lessons	1	\$16.64	\$16.64	Link
Rayovac AA Alkaline Battery 12-Pack	For classroom use	1	\$7.05	\$7.05	Link
Crayola Colored Pencil Classpack, 462 ct.	For art lessons	1	\$65.71	\$65.71	Link
Tangrams – Educational Geometric Shapes, Classroom Set 210 Pieces, Grades K-5	For use in geometry focused lessons	1	\$8.59	\$8.59	Link
Westcott School Kids’ Scissor Caddy, 24ct 5-Inch Blunt Scissors	For art lessons	1	\$21.19	\$21.19	Link
12” Plastic Rulers 36 ct	For art lessons	1	\$22.84	\$22.84	Link
48 Sq. Ft. ‘We Sell Mats’ Anti-Fatigue Interlocking EVA Foam Flooring Multi-Color Tiles	For use in geometry focused lessons	1	\$17.64	\$17.64	Link
Mileage	I will be traveling to -- --- school from Storrs 2 times per week for 10 weeks during the spring semester.	--- miles round trip x 20 trips	.58/mile	\$-----	
Stipend	I plan on working – hours per week over – weeks. This will take the place of my summer job.			\$----	
Total Amount Requested				\$----	