PI: Tony Stark

AGENCY: National Science Foundation

AGENCY:	National Science Fo	unuation				YEAR 1	YEAR 2	TOTAL	COST SHARE
						7/1/2025			COST SHARE
						6/30/2026	7/1/2026 6/30/2027	7/1/2025 6/30/2027	
SALARIES:						0/30/2020	0/30/2021	0/30/2021	
	rk, Professor III (Actua	I)							
=	smr mos @		\$156,700	/annually	10% merit	34,822			
	smr mos @		\$159,834	·=	2% cola	, ,	35,519	70,341	
			*					,	
Jarvis, R	esearcher I (Actual)								
12.0	mos @	50%	\$134,900	/annually	2% cola	67,450			
12.0	mos @	50%	\$148,390	/annually	2% cola		74,195	141,645	
TBN, Pos	stdoctoral Scholar - Le	vel II							
3.0	mos @	100%	\$5,981	/month	Jul-Sept	17,942			
6.0	mos @	100%	\$5,981	/month	Oct-March	35,885			
3.0	mos @	100%	\$6,190	/month	April-June 3.5% cola	18,570			
3.0	mos @	100%	\$6,190	/month	Jul-Sept		18,570		
6.0	mos @	100%	\$6,190	/month	Oct-March		37,140		
3.0	mos @	100%	\$6,407	/month	April-June 3.5% cola		19,220	147,328	
	rker, Graduate Student		er, Step III						
	smr mos @	100%		/monthly		20,064			
	acad mos @	50%		/monthly	3.5% cola	31,149			
	smr mos @	100%		/monthly			20,766		
9.0	acad mos @	50%	\$7,164	/monthly	3.5% cola		32,240	104,219	
OAL ADIEG	FOTAL .					005 000	007.050	400 500	
SALARIES 1	IOIAL:					225,883	237,650	463,533	
BENEFITS:									
	rk, Professor III (Actua	I)							
34,822	@ @	9.0%		CBR		3,134			
35,519	@	9.0%		CBR		3,134	3,197	6,331	
00,010	w	3.070		ODIC			0,107	0,001	
* Ionio D	esearcher I (Actual)								
		45 500/		ODD		20.000			
67,450	@	45.50%		CBR		30,690			
74,195	@	45.50%		CBR			33,759	64,448	
	stdoctoral Scholar - Le								
72,397	@	18.6%		CBR		13,466			
74,931	@	18.6%		CBR			13,937	27,403	
	rker, Graduate Student		er, Step III						
51,213	@	1.3%		CBR		666			
53,006	@	1.3%		CBR			689	1,355	
					Total Fringe Benefits:	47,955	51,582	99,537	
** 0	0								
	Student Health Insura		^	aa.d		40 407			
3,469		@		quarters		10,407	44 440	04.055	
3,816	per quarter	@	3	quarters			11,448	21,855	
** Graduata	Student Tuition/Fees								
		@	2	quarters		15 622			
		@ @		quarters quarters		15,633	16,164	31,797	
٥,٥٥٥	pei quaitei	w	3	quarters			10,104	31,191	

PI: Tony Stark

AGENCY: National Science Foundation

Total tution/fices/OSHP TAR T	AGENCY: National Science Foundation		VEAR	VEAR	TOT#:	0007.0:::-
Total tution/fees/GSHIP Total Total tution/fees/GSHIP Total Total tution/fees/GSHIP Total			YEAR 1	YEAR 2	TOTAL	COST SHARE
Total tultion/fees/CSHIP 26,040 27,612 53,662						
EQUIPMENT:		Total tuition/foos/CSHID:				
EQUIPMENT:	BENEFITS TOTAL:	Total tultion/lees/GoniP.	·			
Patriculations:			,	,	,	
Parts for Iron Man suit (Includes sales tax at 7.75% and shipping)	EQUIPMENT:					
Equipment: Body armor repair laser (includes sales fax at 7.75% and shipping)	Fabrications:					
EOUPMENT TOTAL:	· · · · · · · · · · · · · · · · · · ·		70,038			
BOMESTIC TRAVEL: Travel for PI & GSR to attend Avenger collaboration mtg in Seattle, WA	• •		40.775			
DOMESTIC TRAVEL: Travel for PI & GSR to attend Avenger collaboration mtg in Seattle, WA	Body armor repair laser (includes sales tax at 7.75% and snipping)		10,775			
Travel for PI & GSR to attend Avenger collaboration mtg in Seattle, WA	EQUIPMENT TOTAL:		80,813	-	80,813	
Travel for PI & GSR to attend Avenger collaboration mtg in Seattle, WA						
600 Airfare 666 Lodging 333 per night 2 nights 2 nights 276 Meals 92 per day 3 days						
666 Lodging 333 per night 2 nights 2 nights 2 nights 2 nights 3 days 3 days days 3 d		2 trips/year	3,284	3,284	6,568	
276 Meals 92 per day 3 days 100 Local Transportation DOMESTIC TRAVEL TOTAL: 3,284 3,284 6,568 INTERNATIONAL TRAVEL: Travel for PI to attend scientific conference - Amsterdam, Netherlands 1 trip - 4,020 1100 Airlare 850 Meals Per Diem 170 per day 5 days 1620 Lodging Per Diem 405 per night 4 nights 350 Registration 100 Local Transportation INTERNATIONAL TRAVEL TOTAL: - 4,020 4,020 PARTICIPANT SUPPORT: Supends: Summer workshop: undergraduate student participants (20 x \$1,000 each) 20,000 Subsistence: Workshop fees for 20 students (20 x \$300) Lodging for workshop (20 people, 1 night, @ \$100/night) 2,000 Travel: Transportation to and from workshop (chartered bus) 1,000 PARTICIPANT SUPPORT TOTAL: 29,000 - 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 8 days 3 days 3 days 3 days 3 days 4 size in the speak in the speak in the speak in the project in t		2 nights				
DOMESTIC TRAVEL TOTAL: 3,284 3,284 6,568		=				
DOMESTIC TRAVEL TOTAL: 3,284 3,284 6,568		3 days				
INTERNATIONAL TRAVEL: Travel for PI to altend scientific conference - Amsterdam, Netherlands 1 trip 400 Airfare 850 Meals Per Diem 170 per day 5 days 1620 Lodging Per Diem 405 per night 4 nights 350 Registration 100 Local Transportation INTERNATIONAL TRAVEL TOTAL: - 4,020 4,020 PARTICIPANT SUPPORT: Stipends: Summer workshop: undergraduate student participants (20 x \$1,000 each) 20,000 Subsistence: Workshop fees for 20 students (20 x \$300) 6,000 Lodging for workshop (20 people, 1 night, @ \$100/night) 2,000 Travel: Transportation to and from workshop (chartered bus) 1,000 PARTICIPANT SUPPORT TOTAL: 29,000 - 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) 6,500 6,500 Body armor spare parts Computer (essential and allocable to the project) 1,500 - 0 Other Direct Costs: Publication costs PSA, Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants	100 2000 Hallopolitation					
Travel for PI to attend scientific conference - Amsterdam, Netherlands 1 trip	DOMESTIC TRAVEL TOTAL:		3,284	3,284	6,568	
Travel for PI to attend scientific conference - Amsterdam, Netherlands 1 trip						
1100 Airfare 850 Meals Per Diem 170 per day 5 days 1620 Lodging Per Diem 405 per night 4 nights 350 Registration 100 Local Transportation						
850 Meals Per Diem		1 trip	-	4,020		
1620 Lodging Per Diem 405 per night 4 nights 350 Registration 100 Local Transportation INTERNATIONAL TRAVEL TOTAL: PARTICIPANT SUPPORT: Stipends: Summer workshop: undergraduate student participants (20 x \$1,000 each) 20,000 Subsistence: Workshop fees for 20 students (20 x \$300) 6,000 Lodging for workshop (20 people, 1 night, @ \$100/night) 2,000 Travel: Transportation to and from workshop (chartered bus) 1,000 PARTICIPANT SUPPORT TOTAL: 29,000 - 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) 6,500 6,500 Body armor spare parts 1,400 1,400 Computer (essential and allocable to the project) 1,500 - Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300		5 days				
350 Registration 100 Local Transportation						
INTERNATIONAL TRAVEL TOTAL:		+ iligiits				
INTERNATIONAL TRAVEL TOTAL:						
PARTICIPANT SUPPORT: Stipends: Summer workshop: undergraduate student participants (20 x \$1,000 each) Subsistence: Workshop fees for 20 students (20 x \$300) Lodging for workshop (20 people, 1 night, @ \$100/night) Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: 29,000 **PARTICIPANT SUPPORT TOTAL: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300	·					
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Stipends: Summer workshop: undergraduate student participants (20 x \$1,000 each) Subsistence: Workshop fees for 20 students (20 x \$300) Lodging for workshop (20 people, 1 night, @ \$100/night) Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 8 20,000 - 29,000 - 29,000 - 29,000 - 29,000 - 3,000 - 3,000	PARTICIPANT SUPPORT:					
Summer workshop: undergraduate student participants (20 x \$1,000 each) Subsistence: Workshop fees for 20 students (20 x \$300) Lodging for workshop (20 people, 1 night, @ \$100/night) Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants SUPPLIES & OTHER DIRECT COSTS: Supplies: 1,000 1,000 1,000 3,000						
Subsistence: Workshop fees for 20 students (20 x \$300) Lodging for workshop (20 people, 1 night, @ \$100/night) Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants SUPPLIES & OTHER DIRECT COSTS: Supplies: 1,000 6,500 6,500 6,500 6,500 1,400 1,	•	۱)	20,000			
Lodging for workshop (20 people, 1 night, @ \$100/night) Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants Supplies: 1,000 6,500 6,500 6,500 1,400 1,400 1,400 1,000 1,000 3,000	Subsistence:					
Travel: Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300			6,000			
Transportation to and from workshop (chartered bus) PARTICIPANT SUPPORT TOTAL: 29,000 SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 1,000 29,000 - 29,000 - 29,000 - 29,000 - 3,000 - 1,000 1,000 1,000 3,000			2,000			
PARTICIPANT SUPPORT TOTAL: SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 29,000 - 29,000 - 29,000 - 29,000 - 3,000 - 1,000 - 3,000 - 3,000			4 000			
SUPPLIES & OTHER DIRECT COSTS: Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants S 6,500 6,500 1,400 1,400 1,400 - 1,000 3,000	rransportation to and from workshop (chartered bus)		1,000			
Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300 6,500 1,400 1,400 - 1,000 1,000 3,000	PARTICIPANT SUPPORT TOTAL:		29,000	-	29,000	
Supplies: Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300 6,500 1,400 1,400 - 1,000 1,000 3,000	CURRILIES & ATHER DIRECT CASTS:					
Lab research supplies (chemicals, glassware, wafers, consumables) Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 6,500 1,400 1,400 1,000 1,000 3,000						
Body armor spare parts Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300	• •	6 500	6 500			
Computer (essential and allocable to the project) Other Direct Costs: Publication costs Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300		l '	· ·			
Publication costs 1,000 1,000 PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300			-			
Publication costs PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300						
PSA: Consulting fees - (Ant Man, Workshop Speaker, \$1500/day, 2 days) Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300		4 000	4 000			
Human subjects research participants: Behavioral testing: \$12/hour; 25 participants 300		1,000	1,000		2,000	
Behavioral testing: \$12/hour; 25 participants 300					3,000	
			300			
				3,300		

PI: Tony Stark				
AGENCY: National Science Foundation				•
	YEAR 1	YEAR 2	TOTAL	COST SHARE
	7/1/2025	7/1/2026	7/1/2025	
	6/30/2026	6/30/2027	6/30/2027	
SUPPLIES & OTHER DIRECT COSTS TOTAL:	10,700	12,200	22,900	3,000
SUBCONTRACTS and MCAs:				
Subcontracts:				
University of Superheros	100,000	100,000	200,000	
Avengers, Inc.	70,000	70,000	140,000	
	170,000	170,000	340,000	
Multi-Campus Agreements (MCA):				
UCLA	70,000	70,000	140,000	
	70,000	70,000	140,000	
SUBCONTRACT and MCA TOTAL:	240,000	240,000	480,000	
TOTAL DIRECT COSTS:	663,674	576,348	1,240,022	3,000
MODIFIED TOTAL DIRECT COSTS:	337,822	308,736	646,558	3,000
*** INDIRECT COSTS: On-campus rate of Modified Total Direct Costs				
337,822 @ 55.5%	187,491			
308,736		171,348	358,839	1,665
646,558				
TOTAL PROJECT COSTS to NSF:	851,165	747,696	1,598,861	4,665

TOTAL REQUESTED FROM SPONSOR:	1,598,861
TOTAL COST SHARE:	4,665

^{*} This is the DHHS negotiated, fixed composite benefit rate for FY 25. The rate thereafter is provisional.

 $^{^{\}star\star}$ Tuition and fee remission provided to all TAs and GSRs employed at 25% time or more.

^{***} This is the DHHS negotiated, predetermined, on-campus rate for organized research projects covering the period 7/1/20 to 6/30/21.

The rate thereafter is provisional.