Project Code	Task Code	Account XXXXXXX	Sub Account XXXXX	Object Code XXXX	Sub Object XXX	Cap Non	Description	Approvals	Description of work
SRF							***Superconducting RF R&D***	***Georg Hoffstaetter***	
	SRF_11	U553306				n	Use only with G. Hoffstaetter's approval		Pohang agreement.
	GH_04.1	U559019				n	Beam Plarization Increase n the BNL Hadron Injectors through Physics-Informed Bayesian Learning.		
	GH_05.1	U559022				n	Industrialization of ERL Components for EUV Lithography (xLight).		
SRF							***Superconducting RF R&D***	***Matthias Liepe***	
	SRF_19	U558847				n	Improving Nb3Sn SRF Cavities for High Efficiency and High Gradient HEP Accelerators.		
	SRF_33	U558814				n	Advanced Accelerator Technology (Fermilab funds).		
	SRF_33.1	U558814	FAB	6290		fab	Nb3Sn Vapor Diffusion Reaction Chamber.		
	SRF_35	U558833				n	Next Steps in the Development of Turn-Key SRF Technology.		
	SRF_35.1	U559009		6290		fab	Cryocooler Cavity Test Cryomodule (Newman basement B50).		
	SRF_36	U558835				n	ILC Cost Reduction R&D.		
	SRF_38	U558848				n	650 MHz Cavity Heat Treatment in UHV Furnace for PIP-II.		
	SRF_40	U558898		6XXX	S38	n	Materials & Supplies.		
	SRF_42	U558880		6XXX		n	Ultramet-Development and Testing of an Advanced HOM Absorber Design for SRF Accelerators Using Dielectric-Coated Cores, Phase II		
	SRF_43	U558883		5XXX		n	Energy Recover Linac with 4K Nb3Sn superconducting Cavities (LABOR ONLY)		
	SRF_44	U559014		6XXX		n	Advancing Niobium SRF Cavities via Metal Coating, Doping, and/or Alloying.		
HEP (High Energy Physics)							***High Energy Physics***	***Karl Smolenski***	
	HEP_721	U558827	FPIX	5XXX	721	fab	TFPX Management Labor - FAB.		
	HEP_722 Nonfab	U558803	FPIX	6XXX	722	n	TFPX Management Materials and Supplies.		
	HEP_722 FAB	U558827	FPIX	6290	722	fab	TFPX Management Materials and Supplies - FAB.		
	HEP_723	U558803	FPIX	6XXX	723	n	TFPX Management Travel.		
	HEP_7R1	U558827	FPIX	5XXX	7R1	fab	TFPX ROCS Labor - FAB.		
	HEP_7R2 FAB	U558827	FPIX	6290	7R2	fab	TFPX ROCS Materials and Supplies - FAB.		
	HEP_7R3	U558803	FPIX	6XXX	7R3	n	TFPX ROCS Travel.		
	HEP_7E1	U558827	FPIX	5XXX	7E1	fab	TFPX Electronics Power Labor - FAB.		
	HEP_7E2	U558827	FPIX	6290	7E2	fab	TFPX Electronics Power Materials and Supplies - FAB.		
	HEP_761	U558827	FPIX	5XXX	761	fab	TFPX Mechanics Labor - FAB.		
	HEP_762 Nonfab	U558803	FPIX	6XXX	762	n	TFPX Mechanics Materials and Supplies.		
	HEP_762 FAB	U558827	FPIX	6290	762	fab	TFPX Mechanics Materials and Supplies - FAB.		
	HEP_763	U558803	FPIX	6XXX	763	n	TFPX Mechanics Travel.		
HEP (High Energy Physics)							***High Energy Physics***	***Julia Thom***	
	HEP_731	U558827	FPIX	5XXX	731	fab	TFPX Sensors Labor - FAB.		
	HEP_732 Nonfab	U558803	FPIX	6XXX	732	n	TFPX Sensor Materials and Supplies.		
	HEP_732 FAB	U558827	FPIX	6290	732	fab	TFPX Sensor Materials and Supplies - FAB.		
	HEP_733	U558803	FPIX	6XXX	733	n	TFPX Sensors Travel.		
	HEP_7S1	U558827	FPIX	5XXX	7S1	fab	TFPX SRAs Labor - FAB.		
	HEP_7S2 FAB	U558827	FPIX	6290	7S2	fab	TFPX SRAs Materials and Supplies - FAB.		
HEP (High Energy Physics)							***High Energy Phyiscs***	***Peter Wittich***	
	HEP_921	U558827	TRIG	5XXX	921	fab	Trigger Management Labor - FAB.		
	HEP_923	U558803	TRIG	6XXX	923	n	Trigger Management Travel.		
	HEP_942	U558827	TRIG	6290	942	fab	Trigger Muon Trigger Materials and Supplies - FAB.		
	HEP_971	U558827	TRIG	5XXX	971	fab	Trigger Track Trigger Labor - FAB.		
	HEP_972 Nonfab	U558803	TRIG	6XXX	972	n	Trigger Track Trigger Materials and Supplies.		
	HEP_972 FAB	U558827	TRIG	6290	972	fab	Trigger Track Trigger Materials and Supplies - FAB.		
	HEP_973	U558803	TRIG	6XXX	973	n	Trigger Track Trigger Travel.		
	HEP_974	U558803	TROFF	5XXX	974	n	Trigger Track Trigger COLA (Cost of living adjustment).		
	IRIS_HEP_01.1	U559024		6XXX		n	S2I2: Institute for Research and Innovation in Software for High Energy Physics (IRIS-HEP)		

	HEP_12	U558881				n	Part. Physics at the High Energy Frontier: Run-3 to HL-LHC.			
		U558881	OFF				For off-campus activities.			
	HEP_13	U559023		6XXX		n	Partnership in EPP and STEM ED Research: Particle Tracking at the HL-LHC and in STEM Education.			
HEP (High Energy Physics)							***High Energy Physics***	***Aders Ryd***		
	HEP_031	U558803	PM	5XXX	031	n	Project Office NSF Labor.			
	HEP_032	U558803	PM	6XXX	032	n	Project Office NSF Materials and Supplies.			
	HEP_033	U558803	PM	6XXX	033	n	Project Office NSF Travel.			
	HEP_034	U558803	PMOFF	5XXX	034	n	Project Office NSF COLA (Cost of living adjustment).			
	HEP_052	U558803	PMCF	6XXX	052	n	Project Office NSF Common Fund Materials and Supplies.			
	HEP_07.01	U558860	SC212	6XXX		n	S&C Software 2022 M&S Cornell.			
	HEP_07.02	U558860	SC221	5XXX		n	S&C Software Framework Development: Multi-threading performance (LABOR).			
	HEP_07.03	U558860	SC315	6XXX		n	S&C Software 2022 Travel Cornell.			
	HEP_07.04	U558860	SC215	5XXX		n	Development WM Systems 2022 Cornell (LABOR).			
	HEP_07.05	U558860	SC422	5XXX		n	Token Authentication R&D 2022 Cornell (LABOR).			
AP (Accelerator Physics)							***Accelerator Physics***	***Ivan Bazarov***		
	AP_18	U558888		6XXX		n	Long Lifetime Spin-Polarized Electron Sources: High Current Performance of Alternative GaAs Activaiton Materials and Novel Spin-Polarized Sources via Epitaxial Growth.			
	AP_18.1	U558889		6290		fab	Fabrication of a Growth Chamer attached to the HERACLES Gun for GaAa Studies and Modifications to the Molecular Beam Epitaxy (MBE) System to enabel Rubidium Antimonide Photochathode Development.			
G_2								***Lawrence Gibbons***		
	G_2.1	U558840				n	Pions and Muons: Precision probes of the Standard Model.			
	G_2.3	U559008		6290		fab	Pions and Muons: PIONEER DAQ System Fabrication (Labor and M&S).			
OTHER								***Supervisors***		
	TH_01	U559018				n	Theory	Work specific to Theory program activities.		
CAREER: Probing Fundamental Physics and Cosmic Structure								***Mike Niemack***		
		U558427				n	Simons Observatory			
	MN_08.1	U553310				n	CCAT - Prime Matching Funds.			
	MN_10.1	U558852		6XXX		n	MRI: Development of 350 GHz Instrumentation to Characterize Galactic Dust Polarization with CCAT-Prime.			
	MN_10.2	U558852	FAB	6290		fab	MRI: Development of 350 GHz Instrumentation to Characterize Galactic Dust Polarization with CCAT-Prime.			
	MN_10.3	U558852	CSA56	6XXX		n	MRI: cost share - Fred Young.			
	MN_11.1	U559013		6XXX		n	Mid-scale RI-2: Advanced Millimeter Survey Instrumentation in Chili.			
	MN_12.1	U559025		6XXX		n	Consortium Proposal for CMB-S4 Continuing Design			
Jared Maxson								***Jared Maxson***		
	JM_01	U553411				n	Maxson - Photo Emissions Lab.			
	JM_02	U558483		6XXX		n	Early Career - DOE			
	JM_02.1	U558484		6290		fab	Fabricate a custom permanent magent dipole and associated beamline to perform spectroscopy measurements.			
	JM_03	U558808		6XXX		n	Robust heterostructure photocathodes based on III-nitride materials for future accelerator facilties.			
	JM_03.1	U558809		6290		fab	Fabrication of a thin film growth chamber.			
	JM_06	U558898		6XXX	P48	n	Materials & Supplies.			
	JM_07	U558879		6XXX		n	Understanding and Creating New Quantum Materials with Light on Ultrafast Timescales.			
	JM_08	U558887		6XXX		n	Studies to determine the Optimal Photochathode Material for the LCLS-II-HE SRF Gun and to specify its Operating F			
	JM_08.1	U558887	FAB	6290		fab	Aperture-based UHV Emittance Measurement System (NO LABOR).			
	JM_09	U554102	CCP	6XXX		n	Cold Copper Project.			
	JM_10	U559029		6XXX		n	A High Brightness Source of Femtosecond Polarized Electrons for Electron Microscopy.			
	JM_10.1	U559029	FAB	6290		fab	Fabrication of a compact polarized photocathode source (NO LABOR).			
CLEO Solenoid Removal								***Dana Richter***		
	CLEO_01.3	U553101	CLEO3			n	Disassemble the CLEO Crystal Barrel Calorimeter (CSI crystals).			
Abby Crites								***Abby Crites***		
	AC_01	U551003				n	Startup Funding.			
	AC_03	U559017		6XXX		n	Collaborative Research: It's TIME! Mapping Cosmic Star Formation History with CO and CII.			
FACILITIES Renovations and Updates								***Katie Jacoby***		
	RENO_WIL	U553006	WIL	6XXX		n	Activities related to Facilities renovations and updates at Wilson Lab.			
	RENO_NEW	U553006	NEW	6XXX		n	Activities related to Facilities renovations and updates at Newman Lab.			
	RENO_PSB	U553006	PSB	6XXX		n	Activities related to Facilities renovations and updates at Physical Science Building.			
	RENO_PTR	U553006	PTR	6XXX		n	Activities related to Facilities renovations and updates at Pine Tree Road.			