

Project Code	Task Code	Account XXXXXXXX	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.
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	U558833	FAB	6290		fab	Cryocooler Cavity Test Cryomodule (Newman basement B50) (no labor).		
	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	U558896		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		
HEP (High Energy Physics)							High Energy Physics	Karl Smolenski	
	HEP_721	U558823	FPIX	5XXX	721	fab	TFPX Management Labor - FAB.		
	HEP_722 Nonfab	U558801	FPIX	6XXX	722	n	TFPX Management Materials and Supplies.		
	HEP_722 FAB	U558823	FPIX	6290	722	fab	TFPX Management Materials and Supplies - FAB.		
	HEP_723	U558801	FPIX	6XXX	723	n	TFPX Management Travel.		
	HEP_7R1	U558823	FPIX	5XXX	7R1	fab	TFPX ROCS Labor - FAB.		
	HEP_7R2 FAB	U558823	FPIX	6290	7R2	fab	TFPX ROCS Materials and Supplies - FAB.		
	HEP_7R3	U558801	FPIX	6XXX	7R3	n	TFPX ROCS Travel.		
	HEP_7E1	U558823	FPIX	5XXX	7E1	fab	TFPX Electronics Power Labor - FAB.		
	HEP_7E2	U558823	FPIX	6290	7E2	fab	TFPX Electronics Power Materials and Supplies - FAB.		
	HEP_761	U558823	FPIX	5XXX	761	fab	TFPX Mechanics Labor - FAB.		
	HEP_762 Nonfab	U558801	FPIX	6XXX	762	n	TFPX Mechanics Materials and Supplies.		
	HEP_762 FAB	U558823	FPIX	6290	762	fab	TFPX Mechanics Materials and Supplies - FAB.		
	HEP_763	U558801	FPIX	6XXX	763	n	TFPX Mechanics Travel.		
HEP (High Energy Physics)							High Energy Physics	Julia Thom	
	HEP_731	U558823	FPIX	5XXX	731	fab	TFPX Sensors Labor - FAB.		
	HEP_732	U558823	FPIX	6290	732	fab	TFPX Sensor Materials and Supplies - FAB.		
	HEP_733	U558801	FPIX	6XXX	733	n	TFPX Sensors Travel.		
	HEP_7S1	U558823	FPIX	5XXX	7S1	fab	TFPX SRAs Labor - FAB.		
	HEP_7S2 FAB	U558823	FPIX	6290	7S2	fab	TFPX SRAs Materials and Supplies - FAB.		
HEP (High Energy Physics)							High Energy Physics	Peter Wittich	
	HEP_921	U558823	TRIG	5XXX	921	fab	Trigger Management Labor - FAB.		
	HEP_923	U558801	TRIG	6XXX	923	n	Trigger Management Travel.		
	HEP_942	U558823	TRIG	6290	942	fab	Trigger Muon Trigger Materials and Supplies - FAB.		
	HEP_971	U558823	TRIG	5XXX	971	fab	Trigger Track Trigger Labor - FAB.		
	HEP_972 Nonfab	U558801	TRIG	6XXX	972	n	Trigger Track Trigger Materials and Supplies.		
	HEP_972 FAB	U558823	TRIG	6290	972	fab	Trigger Track Trigger Materials and Supplies - FAB.		
	HEP_973	U558801	TRIG	6XXX	973	n	Trigger Track Trigger Travel.		
	HEP_974	U558801	TROFF	5XXX	974	n	Trigger Track Trigger COLA (Cost of living adjustment).		

	IRIS_HEP_01.1	U558467		6XXX		n	Software Framework Development Travel and M&S: Multi-threading performance 2019 Labor.			
	HEP_12	U558881				n	Part. Physics at the High Energy Frontier: Run-3 to HL-LHC.			
		U558881	OFF				For off-campus activities.			
HEP (High Energy Physics)							High Energy Physics	Aders Ryd		
	HEP_031	U558801	PM	5XXX	031	n	Project Office NSF Labor.			
	HEP_032	U558801	PM	6XXX	032	n	Project Office NSF Materials and Supplies.			
	HEP_033	U558801	PM	6XXX	033	n	Project Office NSF Travel.			
	HEP_034	U558801	PMOFF	5XXX	034	n	Project Office NSF COLA (Cost of living adjustment).			
	HEP_052	U558801	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.			
AP (Accelerator Physics)							Accelerator Physics	Ivan Bazarov		
	AP_15	U558832		6XXX		n	Demonstrating Improved Lifetime in Superlattice Photocathodes with Robust Activating Coatings for High Current, Highly Spin-Polarized Beam Production.			
	AP_16	U558836		6XXX		n	High Current Sources for Spin Polarized and Un-Polarized Electron Beams.			
	AP_16.1	U558839		5XXX			Design and build UHV chamber (Labor Only).			
	AP_17	U558896		6XXX	B18	n	Materials & Supplies.			
G 2								Lawrence Gibbons		
	G_2.1 Gibbons	U558840				n	Pions and Muons: Precision probes of the Standard Model.			
OTHER								Supervisors		
	TH_01	U558811				n	Theory Work specific to Theory program activities.			
CAREER: Probing Fundamental Physics and Cosmic Structure								Mike Niemack		
	MN_02.1	U558485				n	Advanced ACTPol			
	MN_03.1	U553401				n	Niemack - Startup			
		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	CS	6XXX		n	MRI: cost share			
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 facilities.			
	JM_03.1	U558809		6290		fab	Fabrication of a thin film growth chamber.			
	JM_05	U558849		6XXX		n	Bright Electron Source for X-Ray Free Electron Laser.			
	JM_05.1	U558850		6290		fab	Design, build, and commssion a UHV loading system.			
	JM_06	U558896		6XXX	P48	n	Materials & Supplies.			
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	U553413				n	Startup Funding.			
	AC_01.1	U553413	LRENO			n	Startup Funding specific to PSB Lab Renovations.			
	AC_02.1	A493736				n	High Bay fit-out at Newman Lab for Abby Crites.			
FACILITIES MOVES								Katie Jacoby		
	FAC_0.1	U553006				n	Activities related to Facilities reorganization.			