

Institution(select) (\*) (All)  
 Source of Funds (Select) NSF Funds

Labor Category(select)	WBS Level 3	Names	Sum of YEAR1 FTE	Sum of YEAR2 FTE	Sum of YEAR3 FTE	Sum of YEAR4 FTE	Sum of YEAR5 FTE	
Faculty	2.1.1 Administration	HALZEN, FRANCIS	0.38	0.38	0.38	0.38	0.38	
		HANSON, KAELE	0.60	0.60	0.60	0.60	0.60	
		KARLE, ALBRECHT	0.38	0.38	0.38	0.38	0.38	
		KLEIN, SPENCER	0.05	0.05	0.05	0.05	0.05	
		SULLIVAN, GREG	0.02	0.02	0.02	0.02	0.02	
	2.6.0 Calibration	WILLIAMS, DAWN	0.08	0.08	0.08	0.08	0.08	
<b>Faculty Total</b>			<b>1.52</b>	<b>1.52</b>	<b>1.52</b>	<b>1.52</b>	<b>1.52</b>	
Manager	2.3.0 Computing & Data Management	RIEDEL, BENEDIKT	0.90	0.90	0.90	0.90	0.90	
	2.1.2 Engineering and R&D Support	HAUGEN, JAMES	0.05	0.05	0.05	0.05	0.05	
	2.1.3 USAP and Safety Support	HAUGEN, JAMES	0.05	0.05	0.05	0.05	0.05	
<b>Manager Total</b>			<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	<b>1.00</b>	
Engineer	2.2.2 Data Acquisition	STEZELBERGER, THORSTEN	0.15	0.15	0.15	0.15	0.15	
	2.1.2 Engineering and R&D Support	MEURES, THOMAS	0.25	0.25	0.25	0.25	0.25	
		SANDSTROM, PERRY	0.25	0.25	0.25	0.25	0.25	
	2.2.6 Surface Detector Operations	SANDSTROM, PERRY	0.25	0.25	0.25	0.25	0.25	
<b>Engineer Total</b>			<b>0.90</b>	<b>0.90</b>	<b>0.90</b>	<b>0.90</b>	<b>0.90</b>	
Scientist	2.1.1 Administration	DESIATI, PAOLO	0.75	0.75	0.75	0.75	0.75	
		TILAV, SERAP	0.10	0.10	0.10	0.10	0.10	
	2.2.0 Detector Operations & Maintenance	KELLEY, JOHN	0.50	0.50	0.50	0.50	0.50	
		ANDERSON, TYLER	0.00	0.00	0.25	0.50	0.25	
	2.2.2 Data Acquisition	KELLEY, JOHN	0.25	0.25	0.25	0.25	0.25	
		BLAUFUSS, ERIK	0.20	0.20	0.20	0.20	0.20	
	2.2.3 Online Filter (Pnf)	CHIRKIN, DMITRY	0.10	0.10	0.10	0.10	0.10	
	2.5.2 Simulation Software	HOSHINA, KOTOYO	0.33	0.33	0.33	0.33	0.33	
		CHIRKIN, DMITRY	0.65	0.65	0.65	0.65	0.65	
	2.6.2 Ice Properties	WENDT, CHRISTOPHER	0.65	0.65	0.65	0.65	0.65	
		DUVERNOIS, MICHAEL	0.33	0.33	0.33	0.33	0.33	
	2.1.2 Engineering and R&D Support	KAUER, MATTHEW	0.20	0.20	0.20	0.20	0.20	
	2.2.6 Surface Detector Operations	TILAV, SERAP	0.30	0.30	0.30	0.30	0.30	
		TOSI, DELIA	0.25	0.25	0.25	0.25	0.25	
		KAUER, MATTHEW	0.30	0.30	0.30	0.30	0.30	
	2.2.4 Detector Monitoring	TILAV, SERAP	0.30	0.30	0.30	0.30	0.30	
		BLAUFUSS, ERIK	0.35	0.35	0.35	0.35	0.35	
	2.5.1 Core Software	BLAUFUSS, ERIK	0.20	0.20	0.20	0.20	0.20	
	2.2.8 Real-time Alerts	BLAUFUSS, ERIK	0.20	0.20	0.20	0.20	0.20	
	<b>Scientist Total</b>			<b>5.76</b>	<b>5.76</b>	<b>6.01</b>	<b>6.26</b>	<b>6.01</b>
Academic Staff	2.1.1 Administration	VAKHNINA, CATHERINE	0.50	0.50	0.50	0.50	0.50	
		WITT, BARBARA	0.15	0.15	0.15	0.15	0.15	
		CHORLTON, TINA	0.15	0.15	0.15	0.15	0.15	
		ZHANG, YU	0.04	0.04	0.04	0.04	0.04	
		STEFFES, LINDSEY	0.75	0.75	0.75	0.75	0.75	
	2.1.4 Education & Outreach	CHILDRESS-BECHTOL, ELLEN	0.50	0.50	0.50	0.50	0.50	
		MADSEN, JAMES	0.50	0.50	0.50	0.50	0.50	
		DEMERIT, JEAN	0.25	0.25	0.25	0.25	0.25	
		PAIRIN, JACK	0.25	0.25	0.25	0.25	0.25	
		NUCKLES, JACK	1.00	1.00	1.00	1.00	1.00	
	2.6.2 Ice Properties	ZERNICK, MICHAEL	0.25	0.25	0.25	0.25	0.25	
	2.1.3 USAP and Safety Support	O'KEEFE, MADELEINE	0.75	0.75	0.75	0.75	0.75	
	2.1.5 Communications							
	<b>Academic Staff Total</b>			<b>5.09</b>	<b>5.09</b>	<b>5.09</b>	<b>5.09</b>	<b>5.09</b>
	Postdoctoral Scientists	2.2.2 Data Acquisition	FIENBERG, AARON	0.25	0.25	0.25	0.25	0.25
2.4.2 Simulation Production		SOLDIN, DENNIS	0.25	0.25	0.25	0.25	0.25	
2.3.4 Distributed Computing Resources		MSU PO			0.25	0.25	0.25	
	HALLIDAY, ROBERT	0.25	0.25					
<b>Postdoctoral Scientist Total</b>			<b>0.75</b>	<b>0.75</b>	<b>0.75</b>	<b>0.75</b>	<b>0.75</b>	
Software Engineer	2.2.2 Data Acquisition	BENDFELT, TIMOTHY	0.75	0.50	0.25	0.25	0.25	
		GLOWACKI, DAVID	1.00	1.00	1.00	1.00	1.00	
	2.2.3 Online Filter (Pnf)	SCHMIDT, TORSTEN	0.50	0.50	0.50	0.50	0.50	
		SIMULATION PROGRAMMER (UPGRADE SUPPORT)	0.25	1.00	1.00	1.00	1.00	
	2.5.2 Simulation Software	GPU PROGRAMMER	0.50	1.00	1.00	1.00	1.00	
		RECONSTRUCTION SUPPORT PROGRAMMER	0.00	1.00	1.00	1.00	1.00	
	2.5.3 Reconstruction	BRAUN, JAMES	0.43	0.43	0.50	0.50	0.50	
2.2.4 Detector Monitoring								

Software Engineer	2.2.4 Detector Monitoring	BURRESON, COLIN	1.00	1.00	1.00	1.00	1.00
		FRERE, MICHAEL	0.75	0.75	0.75	0.75	0.75
	2.5.1 Core Software	OFFLINE SUPPORT PROGRAMMER	0.25	0.75	0.75	0.75	0.75
	2.3.1 Data Storage & Transfer	MEADE, PATRICK	0.50	0.50	0.50	0.50	0.50
	2.3.4 Distributed Computing Resources	WORKFLOW PROGRAMMER	0.00	0.25	1.00	1.00	1.00
	2.2.5 Experiment Control	BRAUN, JAMES	0.50	0.50	0.50	0.50	0.50
		FRERE, MICHAEL	0.25	0.25	0.25	0.25	0.25
	2.5.4 Science Support Tools	VISUALIZATION PROGRAMMER	0.00	0.25	0.25	0.25	0.25
	2.5.5 Software Development Infrastructure	LADIEU, DON	0.75	0.75	0.75	0.75	0.75
	2.5.0 Software	OLIVAS, ALEX	0.90	0.90	0.90	0.90	0.90
	2.2.9 SPS/SPTS	NG, CHRISTOPHER	0.50	0.50	0.50	0.50	0.50
	2.2.7 Supernova System	BENDFELT, TIMOTHY	0.25	0.50	0.75	0.75	0.75
<b>Software Engineer Total</b>			<b>9.08</b>	<b>12.33</b>	<b>13.15</b>	<b>13.15</b>	<b>13.15</b>
System Administrator	2.2.1 Run Coordination	AUER, RALF	0.20	0.20	0.20	0.20	0.20
	2.4.2 Simulation Production	EVANS, ERIC	0.40	0.40	0.40	0.40	0.40
	2.3.2 Core Data Center Infrastructure	BARNET, STEVE	0.70	0.70	0.70	0.70	0.70
		BRIK, VLADIMIR	0.10	0.10	0.10	0.10	0.10
		MAYER, DAVID	0.50	0.50	0.50	0.50	0.50
	2.3.1 Data Storage & Transfer	SHEPERD, ALEC	0.75	0.75	0.75	0.75	0.75
		BARNET, STEVE	0.30	0.30	0.30	0.30	0.30
		BELLINGER, JAMES	1.00	1.00	1.00	1.00	1.00
	2.3.4 Distributed Computing Resources	BRIK, VLADIMIR	0.20	0.20	0.20	0.20	0.20
		BRIK, VLADIMIR	0.60	0.60	0.60	0.60	0.60
		SCHULTZ, DAVID	1.00	1.00	1.00	1.00	1.00
	2.4.1 Offline Data Production	EVANS, ERIC	0.50	0.50	0.50	0.50	0.50
	2.3.3 Central Computing Resources	EVANS, ERIC	0.10	0.10	0.10	0.10	0.10
		BRIK, VLADIMIR	0.10	0.10	0.10	0.10	0.10
		SHEPERD, ALEC	0.25	0.25	0.25	0.25	0.25
2.2.9 SPS/SPTS	COMERFORD, DENNIS	0.45	0.60	0.60	0.60	0.60	
	AUER, RALF	0.33	0.33	0.33	0.33	0.33	
<b>System Administrator Total</b>			<b>7.48</b>	<b>7.63</b>	<b>7.63</b>	<b>7.63</b>	<b>7.63</b>
Winter Over	2.2.1 Run Coordination	UW Winter Overs	1.50	1.50	1.50	1.50	1.50
<b>Winter Over Total</b>			<b>1.50</b>	<b>1.50</b>	<b>1.50</b>	<b>1.50</b>	<b>1.50</b>
Data Scientist	2.5.2 Simulation Software	DIAZ-VELEZ, JUAN CARLOS	0.25	0.25	0.25	0.25	0.25
		MEAGHER, KEVIN	0.75	0.75	0.75	0.75	0.75
	2.5.3 Reconstruction	MEAGHER, KEVIN	0.25	0.25	0.25	0.25	0.25
	2.4.2 Simulation Production	DIAZ-VELEZ, JUAN CARLOS	0.40	0.40	0.40	0.40	0.40
	2.4.1 Offline Data Production	SNIHUR, ROBERT	1.00	1.00	1.00	1.00	1.00
	2.4.0 Data Processing and Simulation Services	DIAZ-VELEZ, JUAN CARLOS	0.25	0.25	0.25	0.25	0.25
<b>Data Scientist Total</b>			<b>2.90</b>	<b>2.90</b>	<b>2.90</b>	<b>2.90</b>	<b>2.90</b>
<b>Grand Total</b>			<b>35.98</b>	<b>39.38</b>	<b>40.45</b>	<b>40.70</b>	<b>40.45</b>