

Fiscal Year:	FY 2016	Task Last Updated:	FY 01/26/2016
PI Name:	Burns, Vanessa B.S.		
Project Title:	LumosTech Smart Sleep Mask for Circadian Realignment in Space and on Earth		
Division Name:	Human Research		
Program/Discipline:			
Program/Discipline--Element/Subdiscipline:	NSBRI--Human Factors and Performance Team		
Joint Agency Name:	TechPort:	Yes	
Human Research Program Elements:	(1) HFBP: Human Factors & Behavioral Performance (IRP Rev H)		
Human Research Program Risks:	None		
Space Biology Element:	None		
Space Biology Cross-Element Discipline:	None		
Space Biology Special Category:	None		
PI Email:	vanessa@lumostech.co	Fax:	FY
PI Organization Type:	INDUSTRY	Phone:	626-200-9074
Organization Name:	LumosTech, Inc.		
PI Address 1:	350 Glenview Dr		
PI Address 2:	Apt 1		
PI Web Page:			
City:	San Francisco	State:	CA
Zip Code:	94131	Congressional District:	12
Comments:			
Project Type:	GROUND	Solicitation / Funding Source:	NSBRI-RFA-SMARTCAP
Start Date:	12/01/2015	End Date:	11/30/2016
No. of Post Docs:	No. of PhD Degrees:		
No. of PhD Candidates:	No. of Master' Degrees:		
No. of Master's Candidates:	No. of Bachelor's Degrees:		
No. of Bachelor's Candidates:	Monitoring Center: NSBRI		
Contact Monitor:	Contact Phone:		
Contact Email:			
Flight Program:			
Flight Assignment:			
Key Personnel Changes/Previous PI:			
COI Name (Institution):			
Grant/Contract No.:	NCC 9-58-HFP00005		
Performance Goal No.:			
Performance Goal Text:			
Task Description:	The primary objective for LumosTech is to develop and commercialize the LumosTech smart sleep mask, a wearable device to monitor an individual's circadian phase and rapidly realign the circadian rhythm of the user to their local environment. With this technology, we can help astronauts optimize their sleep schedules in the absence of natural light, assist ground crew adjusting to work-related sleep changes, and increase alertness after wake-up.		
Rationale for HRP Directed Research:			
Research Impact/Earth Benefits:			

Task Progress:	New project for FY2016.
Bibliography Type:	Description: (Last Updated:)