

<b>Fiscal Year:</b>	FY 2019	<b>Task Last Updated:</b>	FY 06/10/2019
<b>PI Name:</b>	Dave, Shivang Ph.D.		
<b>Project Title:</b>	Objective Refraction with Self-Operable, Lightweight Autorefractor		
<b>Division Name:</b>	Human Research		
<b>Program/Discipline:</b>			
<b>Program/Discipline--Element/Subdiscipline:</b>	TRISH--TRISH		
<b>Joint Agency Name:</b>		<b>TechPort:</b>	Yes
<b>Human Research Program Elements:</b>	None		
<b>Human Research Program Risks:</b>	None		
<b>Space Biology Element:</b>	None		
<b>Space Biology Cross-Element Discipline:</b>	None		
<b>Space Biology Special Category:</b>	None		
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<b>PI Organization Type:</b>	INDUSTRY	<b>Phone:</b>	617-862-2203
<b>Organization Name:</b>	PlenOptika, Inc.		
<b>PI Address 1:</b>	955 Massachusetts Ave #339		
<b>PI Address 2:</b>			
<b>PI Web Page:</b>			
<b>City:</b>	Cambridge	<b>State:</b>	MA
<b>Zip Code:</b>	02139	<b>Congressional District:</b>	5
<b>Comments:</b>			
<b>Project Type:</b>	GROUND	<b>Solicitation / Funding Source:</b>	TRISH--Industry
<b>Start Date:</b>	05/01/2019	<b>End Date:</b>	04/30/2020
<b>No. of Post Docs:</b>	<b>No. of PhD Degrees:</b>		
<b>No. of PhD Candidates:</b>	<b>No. of Master' Degrees:</b>		
<b>No. of Master's Candidates:</b>	<b>No. of Bachelor's Degrees:</b>		
<b>No. of Bachelor's Candidates:</b>	<b>Monitoring Center:</b> TRISH		
<b>Contact Monitor:</b>	<b>Contact Phone:</b>		
<b>Contact Email:</b>			
<b>Flight Program:</b>			
<b>Flight Assignment:</b>			
<b>Key Personnel Changes/Previous PI:</b>			
<b>COI Name (Institution):</b>			
<b>Grant/Contract No.:</b>	NNX16AO69A-IND0012		
<b>Performance Goal No.:</b>			
<b>Performance Goal Text:</b>			
<b>Task Description:</b>	<p>Industry Project</p> <p>Over a billion people worldwide suffer from poor vision, because they do not have access to eye care professionals. PlenOptika has developed the portable QuickSee system to automatically measure eye refractive errors and monitor changes over time, eliminating the need for an eye care professional to perform these tests. To improve access to eye care globally, PlenOptika proposes upgrading QuickSee by making it lighter and therefore easier for children and the elderly to use, and implementing a feedback system to help users take measurements faster and more reliably.</p>		
<b>Rationale for HRP Directed Research:</b>			

Research Impact/Earth Benefits:	
Task Progress:	New project for FY2019.
Bibliography Type:	Description: (Last Updated: )