

Fiscal Year:	FY 2009	Task Last Updated:	FY 10/28/2009
PI Name:	Hurst, Victor Ph.D.		
Project Title:	Assisted Medical Procedures (AMP)		
Division Name:	Human Research		
Program/Discipline:	HUMAN RESEARCH		
Program/Discipline--Element/Subdiscipline:	HUMAN RESEARCH--Operational and clinical research		
Joint Agency Name:	TechPort:	Yes	
Human Research Program Elements:	(1) <b>ExMC</b> :Exploration Medical Capabilities		
Human Research Program Risks:	(1) <b>Medical Conditions</b> :Risk of Adverse Health Outcomes and Decrements in Performance Due to Medical Conditions that occur in Mission, as well as Long Term Health Outcomes Due to Mission Exposures		
Space Biology Element:	None		
Space Biology Cross-Element Discipline:	None		
Space Biology Special Category:	None		
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PI Organization Type:	NASA CENTER	Phone:	(281) 212-1460
Organization Name:	Wyle-Science, Technology, and Engineering/NASA Johnson Space Center		
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PI Web Page:			
City:	Houston	State:	TX
Zip Code:	77058	Congressional District:	36
Comments:			
Project Type:	GROUND	Solicitation / Funding Source:	Directed Research
Start Date:	10/01/2008	End Date:	09/30/2012
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: NASA JSC		
Contact Monitor:	Watkins, Sharmila	Contact Phone:	281.483.0395
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Flight Program:			
Flight Assignment:	NOTE: Project name change to "Assisted Medical Procedures (AMP)" from "Advanced Integrated Clinical System-Guided Medical Procedure Systems," per JSC (Ed., 7/25/2012) NOTE: question of period of performance per information from PI (Ed., 11/30/2011)		
Key Personnel Changes/Previous PI:			
COI Name (Institution):	Wu, Jimmy ( Wyle Integrated Science and Engineering )		
Grant/Contract No.:	Directed Research		
Performance Goal No.:			
Performance Goal Text:			

<b>Task Description:</b>	The Advanced Integrated Clinical Systems-Guided Medical Procedure System task will provide the Constellation Program with a robust medical procedure system that both fosters astronaut wellness and mitigates medical issues during missions to the International Space Station (ISS), the Moon (Lunar Sorties and Lunar Outpost), and outreaching planets. This will be accomplished by generating operations concepts for each component of the system followed by creation of requirements and corresponding drawings to produce the components of the system. The system's components include state-of-the-art electronic (i.e. paperless) procedure viewers and evidence-based medical procedures/equipment that will help astronaut Crew Medical Officers (CMOs) manage clinically related activities during all phases of their mission.
<b>Rationale for HRP Directed Research:</b>	
<b>Research Impact/Earth Benefits:</b>	
<b>Task Progress:</b>	New project for FY2009.
<b>Bibliography Type:</b>	Description: (Last Updated: 07/01/2015)