Task Book Report Generated on: 04/25/2024

Fiscal Years: FY 2009 Task Last Updated: FY 0217/2010 PN Nume: Johnston, Smith M.D. Develops and Implement Operational Ground Testing Protocols to Individualize Astronaut Sleep Medication Efficacy and Individual Effects  Division Name: HUMAN RESEARCH Program/Discipline: HUMAN RESEARCH Behavior and performance  HUMAN RESEARCH Behavior and performance Flaments: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) HUF-Behavioral Health & Performance (archival in 2017)  None  Program/Division Name: None  None  Program/Division Name: None  None  Program/Division Name: Name  None  None  Program/Division Name  Non	Fiscal Year:	FY 2009 Task Last Updated:	EV 02/17/2010
Project Title: Develop and Implement Operational Ground Testing Protocols to Individualize Astronaut Sleep Medication Efficacy and Individual Lifeties    Division Name:   Human Research   Program/Discipline:   Human Research Program Education   Human Research Program   Human Research Prog			F F 02/17/2010
Division Name: Human Research Program/Discipline: HUMAN RESEARCH Program/Discipline: HUMAN RESEARCH Element/Subdiscipline: HUMAN RESEARCH—Behavior and performance Element/Subdiscipline: HUMAN RESEARCH—Behavior and performance Element/Subdiscipline: Vea Human Research Program Risks: (1) BIIP-Behavioral Health & Performance (urchival in 2017) Human Research Program Risks: (1) BMed/Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders Space Biology Cross-Element Space Biology Special Category: None Space Biology Special Category: None PI Email: Phone: C81) 483-0453 Pl Cognalization Type: NASA CINTER Phone: C81) 483-0453 Organization Type: NASA CINTER Phone: C81) 483-0453 Organization Name: NASA Johnson Space Center PI Address 1: Fight Surgeon PI Address 2: Space Medicine PI Web Page: City: Houston State: TX Zip Code: 77088 Congressional District: 22 Comments: Comments: Siar Date: 03/18/2009 Rad Date: Directed Research No. of Phot D Candidates: No. of Bachelor's Degrees: No. of Phot D Candidates: No. of Bachelor's Degrees: No. of Phot D Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Monitoric Shap, Camile Contact Phone: 281-244-2017 Contact Monitor: Shap, Camile Contact Phone: 281-244-2017 Elight Assignment: Key Personnel Changes/Previous PI: COI Name (Institution): Creice, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Claricy of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medical School ) Creicet, Charle, Claricy of Pennsylvania S	ri Name:		Class Madissation Efficiency
Program/Discipline: Program/Discipline- ElementSubdiscipline- ElementSubdiscipline: Joint Agency Name: TechPort: Yes  Human Research Program Elements: (1) BHP-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  Human Research Program Risks: (1) BMp-Behavioral Health & Performance (archival in 2017)  None  Space Biology Scelal Category: None Space Biology Scelal Category: None Program Risks: Nas A Centre Nas A Centre Nas A Centre Nas A Centre Phone: (281) 483-0453  Organization Type: Nas A Centre Phone: (281) 483-0453  Nate: TX  Project Type Project Type: (Broutston Sucree: Start Date: (Brouth Cannel Behavioral Research None of Post Does: None of Post Does: None of Post Does: None of Post Does: None of Bachelor's Candidates:	Project Title:		Steep Medication Efficacy
Program/Discipline-  Element/Subdiscipline-  HUMAN RESEARCH—Behavior and performance   TechPort: Yes	Division Name:	Human Research	
Element/Subdiscipline:  Joint Agency Name:  TechPort:  Yes    Uniman Research Program Elements:	Program/Discipline:	HUMAN RESEARCH	
Human Research Program Elements: (1) BMP-Behavioral Health & Performance (archival in 2017)  Human Research Program Rislas: (1) BMed-Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders  Space Biology Cross-Element Discipline:  None  Space Biology Special Category: None  P1 Email: smith Lichnstont@nasa.acv Fax: FY  P1 Organization Type: NASA CENTER Phone: (281) 483-0453  Organization Type: NASA Johnson Space Center P1 Address 1: Flight Surgeon P1 Address 2: Space Medicine P1 Web Page: City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments: Project Type: GROUND Solicitation / Funding Directed Research Source: No. of PhD Candidates: No. of PhD Candidates: No. of PhD Candidates: No. of Master's Candidates		HUMAN RESEARCHBehavior and performance	
Bunnan Research Program Rislas:  (1) BMcd:Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders  Space Biology Cross-Element Discipline:  None  Space Biology Cross-Element Discipline:  None  PI Email:  smith Liohaston/finusa.neov Fax: FY  PI Organization Type:  NASA CENTER Phone: (281) 483-0453  Organization Name:  NASA Johnson Space Center  PI Address 1:  Flight Surgeon  PI Address 2:  Space Medicine  PI Web Page:  City:  Houston Solicitation / Funding Sources:  Zip Code:  77058 Congressional District: 22  Comments:  Project Type:  GROUND Solicitation / Funding Sources:  No. of PhD Degress: No. of PhD Degress: No. of PhD Candidates: No. of PhD Candidates: No. of PhD Candidates: No. of Machedor's Candidates: No. of Machedor's Candidates: No. of Bachedor's Candidates: No. of Bachedor's Candidates: Shea, Camile Contact Email:  Shea@disla.usen.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine ) Barger, Laura (Harvard Medicial School) Devein, Contract No.)  Directed Research Performance Goal No.:	Joint Agency Name:	TechPort:	Yes
Space Biology Element: None  Space Biology Cross-Element Discipline: None  Space Biology Special Category: None  PI Email: smith Liohnston@mass.gov Fax: FY  PI Organization Type: NASA CENTER Phone: (281) 483-0453  Organization Name: NASA Johnson Space Center  PI Address 1: Flight Surgeon  PI Address 2: Space Medicine  PI Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source:  Start Date: 03/18/2009 End Date: 01/21/2010  No. of Post Does: No. of PhD Candidates: No. of Master' Degrees: No. of PhD Candidates: No. of Master' Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Monitoring Center: NASA JSC  Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usm.edu  Flight Program: Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Septomance Goal No.:	<b>Human Research Program Elements:</b>	(1) <b>BHP</b> :Behavioral Health & Performance (archival in 2017)	
Space Biology Cross-Element Discipline:  Space Biology Special Category:  None  PI Email:  smith Ljohnston@nasa.gov  Fax: FY  Pl Organization Type:  NASA CENTER  Phone: (281) 483-0453  Organization Name:  NASA Johnson Space Center  PI Address 1:  Flight Surgeon  PI Address 2:  Space Medicine  PI Web Page:  City:  Houston  State: TX  Zip Code:  77058  Congressional District:  22  Comments:  Project Type:  GROUND  Solicitation / Funding Source:  Source:  Project Type:  GROUND  Solicitation / Funding Source:  No. of Path Degrees:  No. of PhD Candidates:  No. of PhD Degrees:  No. of PhD Candidates:  No. of Master' Degrees:  No. of Master' Degrees:  No. of Master's Candidates:  No. of Bachelor's Candidates:	Human Research Program Risks:	(1) <b>BMed</b> :Risk of Adverse Cognitive or Behavioral Conditions and Psychiatric Disorders	
Discipline: None Space Biology Special Category: None PI Email: smith Lichnston@nasa.gov Fax: FY I Organization Type: NASA CENTER Phone: (281) 483-0453 Organization Name: NASA Johnson Space Center PI Address 1: Flight Surgeon PI Address 2: Space Medicine PI Web Page: City: Houston State: TX Zip Code: 77058 Congressional District: 22 Comments: Project Type: GROUND Solicitation / Funding Source: Directed Research Source: No. of PbD Candidates: No. of PbD Degrees: No. of Post Docs: No. of PbD Degrees: No. of PbD Candidates: No. of Master's Candidates: No. of	Space Biology Element:	None	
PI Email: smith Lichnston@massa gov Fax: FY PI Organization Type: NASA CENTER Phone: (281) 483-0453 Organization Name: NASA Johnson Space Center PI Address 1: Flight Surgeon PI Address 2: Space Medicine PI Web Page: City: Houston State: TX Zip Code: 77058 Congressional District: 22 Comments: Project Type: GROUND Solicitation / Funding Source: Directed Research Source: No. of PhD Degrees: No. of PhD Candidates: No. of Master's Candidates: No. of Master's Degrees: No. of Master's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Candidates: No. of Bachelor's Candidates: No. of Master's Candidates: Shea, Camile Contact Monitor: Shea, Camile Contact Phone: 281-244-2017 Contact Email: shea@dsls.usra.edu Flight Program: Flight Assignment: Key Personnel Changes/Previous PI: COI Name (Institution): Directed Research Barger, Laura (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sjeek Walter (NASA Johnson Space Center) Performance Goal No.:		None	
Pl Organization Type: NASA CENTER Phone: (281) 483-0453 Organization Name: NASA Johnson Space Center  Pl Address 1: Flight Surgeon  Pl Address 2: Space Medicine  Pl Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22 Comments:  Project Type: GROUND Solicitation / Funding Source:  Start Date: 03/18/2009 End Date: 01/21/2010 No. of Post Docs: No. of PhD Degrees: No. of PbD Candidates: No. of Master' Degrees: No. of Master's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: Flight Assignment: Key Personnel Changes/Previous Pl:  COI Name (Institution): Shea, Camil ( University of Pennsylvania School of Medicine ) Barger, Laura ( Harvard Medical School ) Beven, Gary ( NASA Johnson Space Center ) Sipes, Waller ( NASA Johnson Space Center )	Space Biology Special Category:	None	
Organization Name: NASA Johnson Space Center  PI Address 1: Flight Surgeon  PI Address 2: Space Medicine  PI Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research  Start Date: 03/18/2009 End Date: 01/21/2010  No. of Post Does: No. of PhD Degrees: No. of PhD Candidates: No. of Master' Degrees: No. of PhD Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program: Flight Assignment: Key Personnel Changes/Previous PI:  COI Name (Institution): Directed Research  Barger, Laura (Harvard Medical School)  Deven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Ferformance Goal No.:	PI Email:	smith.l.johnston@nasa.gov Fax:	FY
PI Address 1: Flight Surgeon PI Address 2: Space Medicine PI Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research Start Date: 03/18/2009 End Date: 01/21/2010  No. of Post Does: No. of PhD Degrees: No. of PhD Candidates: No. of Master' Degrees: No. of PhD Candidates: No. of Master's Degrees: No. of Bachelor's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program: Flight Assignment: Key Personnel Changes/Previous PI:  COI Name (Institution): Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)	PI Organization Type:	NASA CENTER Phone:	(281) 483-0453
PI Address 2: Space Medicine  PI Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research  Start Date: 03/18/2009 End Date: 01/21/2010  No. of Post Docs: No. of PhD Degrees: No. of PhD Candidates: No. of Master' Degrees: No. of Master's 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: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@idsls.usra.edu  Flight Program: Flight Assignment:  Key Personnel Changes/Previous PI:  COI Name (Institution): Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	Organization Name:	NASA Johnson Space Center	
PI Web Page:  City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research Source: No. of PhD Degrees:  No. of Post Docs: No. of PhD Degrees: No. of PhD Degrees: No. of Master's Candidates: No. of Master's Candidates: No. of Master's Candidates: No. of Bachelor's Degrees: No. of Bachelor's Candidates: No.	PI Address 1:	Flight Surgeon	
City: Houston State: TX  Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research Source: Directed Research Source: O3/18/2009 End Date: 01/21/2010  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: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program: Flight Assignment: Key Personnel Changes/Previous PI:  COI Name (Institution): Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Performance Goal No.:	PI Address 2:	Space Medicine	
Zip Code: 77058 Congressional District: 22  Comments:  Project Type: GROUND Solicitation / Funding Source: Directed Research  Start Date: 03/18/2009 End Date: 01/21/2010  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: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  COI Name (Institution): Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	PI Web Page:		
Comments:  Project Type: GROUND Solicitation / Funding Source:  Start Date: 03/18/2009 End Date: 01/21/2010  No. of Post Does: 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: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Monitoring Center: NASA JSC  Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program: Flight Assignment: Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	City:	Houston State:	TX
Project Type: GROUND Solicitation / Funding Source: Directed Research  Start Date: 03/18/2009 End Date: 01/21/2010  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: No. of Bachelor's Degrees: No. of Bachelor's Candidates: Monitoring Center: NASA JSC  Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: Shea@dsls.usra.edu  Flight Program: Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	Zip Code:	77058 Congressional District:	22
Start Date: 03/18/2009 End Date: 01/21/2010  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: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Col Name (Institution): Dinges, David (University of Pennsylvania School of Medicine)  Barger, Laura (Harvard Medical School)  Czeisler, Chuck (Harvard Medical School)  Beven, Gary (NASA Johnson Space Center)  Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	Comments:		
No. of Post Docs:  No. of PhD Candidates:  No. of Master' Degrees:  No. of Master's Candidates:  No. of Bachelor's Degrees:  No. of Bachelor's Candidates:  No. of Bachelor's Degrees:  No. of Master' Degrees:  N	Project Type:	GROUND Solicitation / Funding Source:	Directed Research
No. of PhD Candidates:  No. of Master' Degrees:  No. of Master's Candidates:  No. of Bachelor's Degrees:  No. of Bachelor's Candidates:  No. of Bachelor's Candidates:  No. of Bachelor's Candidates:  No. of Bachelor's Candidates:  No. of Bachelor's Degrees:  No. of Bachelor's Degrees:  No. of Bachelor's Degrees:  No. of Bachelor's Degrees:  No. of Master' Degrees:  No. of Bachelor's Degrees:  No. of Bachelor's Degrees:  No. of Master's Degrees:  No. of Master' Degrees:  No. of Master' Degrees:  No. of Master's Degrees:  No. of Master's Degrees:  No. of Master's Degrees:  No. of Master' Degrees:  No. of Bachelor's Degrees:  No. of Master's Degrees:  N	Start Date:	03/18/2009 End Date:	01/21/2010
No. of Master's Candidates:  No. of Bachelor's Degrees:  No. of Bachelor's Candidates:  Monitoring Center: NASA JSC  Contact Monitor:  Shea, Camile  Contact Email:  shea@dsls.usra.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine)  Barger, Laura (Harvard Medical School)  Coll Name (Institution):  Coll Name (Institution):  Contact Email:  Dinges, David (University of Pennsylvania School of Medicine)  Barger, Laura (Harvard Medical School)  Coll Name (Institution):  Coll Name (Institution):  Directed Research  Performance Goal No.:	No. of Post Docs:	No. of PhD Degrees:	
No. of Bachelor's Candidates:  Monitoring Center: NASA JSC  Contact Monitor:  Shea, Camile  Contact Email:  shea@dsls.usra.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine)  Barger, Laura (Harvard Medical School)  Col Name (Institution):  Czeisler, Chuck (Harvard Medical School)  Beven, Gary (NASA Johnson Space Center)  Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.:  Directed Research  Performance Goal No.:	No. of PhD Candidates:	No. of Master' Degrees:	
Contact Monitor: Shea, Camile Contact Phone: 281-244-2017  Contact Email: shea@dsls.usra.edu  Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	No. of Master's Candidates:	No. of Bachelor's Degrees:	
Contact Email:    Shea@dsls.usra.edu	No. of Bachelor's Candidates:	Monitoring Center:	NASA JSC
Flight Program:  Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	Contact Monitor:	Shea, Camile Contact Phone:	281-244-2017
Flight Assignment:  Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) COI Name (Institution):  Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.:  Directed Research  Performance Goal No.:	Contact Email:	shea@dsls.usra.edu	
Key Personnel Changes/Previous PI:  Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.:  Directed Research  Performance Goal No.:	Flight Program:		
Dinges, David (University of Pennsylvania School of Medicine) Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.: Directed Research  Performance Goal No.:	Flight Assignment:		
Barger, Laura (Harvard Medical School) COI Name (Institution):  CZeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center) Sipes, Walter (NASA Johnson Space Center)  Grant/Contract No.:  Directed Research  Performance Goal No.:	Key Personnel Changes/Previous PI:		
Performance Goal No.:	COI Name (Institution):	Barger, Laura (Harvard Medical School) Czeisler, Chuck (Harvard Medical School) Beven, Gary (NASA Johnson Space Center)	
	Grant/Contract No.:	Directed Research	
Performance Goal Text:	Performance Goal No.:		
	Performance Goal Text:		

Task Book Report Generated on: 04/25/2024

Task Description:

The proposed pilot study provides an opportunity to test the feasibility of a protocol to use with astronauts and other NASA personnel (e.g., flight surgeons, flight directors and flight controllers) to assess potential carry over effects from sleep medications used during spaceflight operations (including overseas training periods), and following an abrupt awakening from sleep. This information is critically needed to establish optimal and individually tailored usage of sleep medications by key personnel relative to operational demands. The proposed protocol is a feasibility study that will determine the percentage change in sleep inertia from using a medication compared to normal sleep inertia. Subject participants will each choose a hypnotic as their preferred sleep aid; once an appropriate medication is identified, each subject volunteer, in a controlled setting in the Crew Quarters Facility at JSC, will undergo several awakenings during two nights of sleep (one night with the medication, another night with a placebo). Cognitive performance, using a set of three measures, will be evaluated at each awakening. This process will occur under the direction of the study Principal Investigator, a NASA Flight Surgeon.

Rationale for HRP Directed Research:

Research Impact/Earth Benefits:

New project for FY2009.

Task Progress:

[Ed. note: project added to Task Book in 02/2010 per JSC information]

Bibliography Type: Description: (Last Updated: 04/09/2019)