

MILITARY HEALTH SYSTEM RESEARCH SYMPOSIUM

2018 AGENDA

Agenda as of July 19, 2018 and subject to change.

Agenda

| DAY | TIME | EVENT | | |
|---|-----------------------------------|---|--|--|
| Sunday, 19 August 2018 | 1400 - 1900 | REGISTRATION (City Hall Lobby) | | |
| | 0600 - 1930 | REGISTRATION (City Hall Lobby) | | |
| Monday, 20 August 2018 | 0630 - 0830 | BREAKFAST (Florida AB) | | |
| | 0800 - 1200 | PLENARY SESSION (Osceola Ballroom) Kelley A. Brix, M.D. Moderator | | |
| | 0810 - 0830 | MHS Research: A Key Enabler for DoD Lines of Effort Thomas McCaffery Acting Assistant Secretary of Defense for Health Affairs | | |
| | 0830 - 0850 | Determining Strategic Priorities that Drive Research and Technology Terry M. Rauch, Ph.D. Acting Deputy Assistant Secretary of Defense for Health Readiness Policy & Oversight | | |
| | 0850 - 0910 | Advancing Combat Support through Medical Research & Development Vice Admiral Raquel C. Bono, USN Director, Defense Health Agency | | |
| | 0910 - 0930 | Creating Partnerships in Research to Leverage Lethality of the Forces Major General Barbara Holcomb, USA Commanding General, U.S. Army Medical Research & Materiel Command | | |
| | 0930 - 1000 | BREAK (Osceola Foyer) | | |
| | 1000 - 1130 | A Strategic Approach to Ensuring Health and Readiness In The Future Battlespace General Officer Roundtable Discussion CAPT Joseph V. Cohn, USN Moderator | | |
| | 1130 - 1200 | 2018 Award Presentation Kelley A. Brix, M.D. Moderator Distinguished Service Award Individual Awards Team Awards | | |
| | 1130 - 1330 | LUNCH (Florida AB) | | |
| | 1330 - 1800 | BREAKOUT SESSIONS | | |
| | One Hour Session 1330 - 1430 | Sun D456 | Naples | |
| | | "DHA Hot Topic" Emerging Trends in Artificial Intelligence for Healthcare CAPT Joseph V. Cohn, USN Moderator | Out of the Crucible: Lessons from the Transformation of Casualty Care in Iraq & Afghanistan and a Reset for the Future of Military Medicine Arthur Kellerman, M.D. | |
| | Three Hour Session 1430 - 1730 | Sun D456 | Naples | |
| Alternative, Non-pharmacological, and Rehabilitation Management of Concus- sion/Mild TBI LTC Matthew Scherer, USA Wesley R. Cole, Ph.D. Moderators | | Extremity and Craniomaxillofacial Regeneration Lloyd F. Rose, Ph.D. LTC Leon Nesti, USA Moderators | | |



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| DAY | TIME | EVENT | | | |
|--------------------------------|---------------------------------|---|--|---|--|
| Monday, 20 August 2018 (cont.) | Two Hour Session 1330 - 1530 | Tallahassee | Miami | Tampa | |
| | | Telehealth/Virtual Health/Remote Monitoring in the MHS Loretta Schlachta-Fairchild, Ph.D. Moderator | State of the Science for Trainee & Deployment Related Events to Include Wounds, Skin & Soft Tissue Infections CAPT David Bacon, USN LTC Jacob Johnston, USA Moderators | Psychological Health & Resilience Sharmila Chari, Ph.D. Moderator | |
| | 1530 - 1600 | Sarasota | Sun C123 | Sanibel | |
| | | Management of Sleep & Fatigue for Maximization of Soldier Operational Readiness Andrew Midzak, Ph.D. Moderator | Enroute Care Col Antoinette M. Shinn, USAF Maj Joseph K. Maddry, USAF Moderators | Medical Advancements in Operational & Clinical Hearing Protection & Treatment Lt Col Brandon Tourtillott, USAF Moderator | |
| | Two Hour Session 1600 - 1800 | BREAK (Osceola Foyer) | | | |
| | | Sarasota | Sanibel | Sun C123 | |
| | | The Health & Readiness of Military Families CDR Abbie M. Yablonsky, USN Moderator | Clinical Decision Support, Robotics, & Autonomous Systems Jose Salinas, Ph.D. Moderator | Forward Surgical Care: Bringing Surgical Capabilities to the Point of Need Anne C. Ritter, Dr.PH. Moderator | |
| | | Miami | Tallahassee | Tampa | |
| | Tuesday, 21 August 2018 | 1800 - 2100 | EXHIBITS (Florida D-F) | | |
| | | 1900 - 2100 | ASSISTANT SECRETARY OF DEFENSE (HEALTH AFFAIRS) RECEPTION (Florida D-F) | | |
| 0600 - 1800 | | REGISTRATION (City Hall Lobby) | | | |
| 0630 - 0830 | | BREAKFAST (Florida AB) | | | |
| 0800 - 1000 | | PLENARY SESSION A (Sun C123) Saafan Z. Malik, M.D. Moderator | | | |
| 0800 - 1000 | | PLENARY SESSION B (Sun D456) Ronald L. Hoover, Ph.D. Moderator | | | |
| 0800 - 1000 | | Young Investigator Competition Plenary Session (Miami) Michael Morris, M.D. Moderator | | | |
| 1000 - 1630 | | BREAK (Florida D-F) EXHIBITS (Florida D-F) | | | |



MILITARY HEALTH SYSTEM RESEARCH SYMPOSIUM

Agenda

Tuesday, 21 August 2018 (cont.)

| DAY | TIME | EVENT | | | |
|-----|---|---|---|---|--|
| | | POSTER SESSION 1 (Florida D-F) | | | |
| | 1000 - 1600 (Presenters at Posters from 1000-1200) | <p>Medical Simulation & Health Information Sciences Telehealth/Virtual Health/Remote Monitoring in the MHS Healthcare Informatics for Agility/Medical Artificial Intelligence Mobile Health Applications in the Medical Theater of Operation The Future of Medical Simulation in the Continuum of Care Point of Injury and Trauma Simulation (POINTS)</p> <p>Infectious Disease State of the Science for Trainee & Deployment Related Events to Include Wounds, Skin, & Soft Tissue Infections What's New in Infectious Disease Research in the Tropics Leveraging Various Serum Repositories for Translational Research in Individual and Population Precision Health</p> <p>Psychological Health & PTSD Psychological Health & Resilience The Health and Readiness of Military Families Innovations in PTSD Treatment Research Disparities in PTSD Risk Factors & Treatment Access, Usage, & Outcomes. How Can We Improve? Suicide In The Military: Surveillance, Prevention, and Intervention</p> <p>Environmental & Occupational Environmental & Occupational Exposure Clinical Case Studies: Military Protocols for Surveillance, Assessment, and Treatment of Patients Post-chemical Exposure Individual Environmental & Occupational Exposure Monitoring Solutions for Service Members Health, Readiness & Performance (HRAPS)</p> | <p>Human Performance Management of Sleep and Fatigue for Maximization of Soldier Operational Readiness Nutritional Optimization of Reset and Recovery Enhancing Human Performance & Survivability in Extreme Environments Managing Physiological Episodes in Military Aviation</p> <p>Blast Minimizing the Impact of Wound Infections Following Blast-Related Injuries Blast Induced Tinnitus Environmental Blast and Impact Sensors in Training and Brain Health Sustaining Does Repeated Blast-Related Trauma Contribute to the Development of Chronic Traumatic Encephalopathy?</p> <p>Advances in Treatment for Acute Radiation Syndrome (ARS)</p> <p>Precision Medicine Integrating 'Omics into the Warrior Care Toolbox of the Military Health System Precision Medicine in Physical and Mental Conditioning of the Warfighter Precision Medicine in Critical Care for the Injured Warfighter</p> <p>What's New in Global Health Engagement?</p> <p>Graduate Medical Education and Military Readiness</p> <p>Prevention of Musculoskeletal Injury in the Military</p> <p>Medical Advancements in Operational & Clinical Hearing Protection & Treatment</p> <p>Ocular Trauma Casualty Management Grand Rounds</p> | | |
| | 1130 - 1300 | LUNCH (Florida AB) | | | |
| | 1300 - 1730 | BREAKOUT SESSIONS | | | |
| | One Hour Session 1300 - 1400 | Sun D456 | Tallahassee | Naples | |
| | | <p>Translation of Military Lessons in Bystander Bleeding Control to the Civilian Sector: Review and Discussion of Stop the Bleed and Hartford Consensus Initiatives</p> <p>Craig Goolsby, M.D., MEd. Moderator</p> | <p>Regenerative Rehabilitation</p> <p>Christopher Dearth, Ph.D. Moderator</p> | <p>Developing Insights into Response to Neurotrauma Sustained by the Warfighter and Development of "Omic" Based Precision Interventions</p> <p>Todd Jaszewski, Ph.D. Moderator</p> | |
| | Three Hour Session 1400 - 1700 | Sun D456 | Tallahassee | Naples | |
| | | <p>Hemorrhage Control & Resuscitation</p> <p>Michael A. Dubick, Ph.D. Sylvain Cardin, Ph.D. Moderators</p> | <p>Rehabilitation Following Limb Trauma & Amputation</p> <p>Erik Wolf, Ph.D. Jason Ghanadian, M.S. Moderators</p> | <p>Translating Military TBI Research into Clinical Practice</p> <p>Karen A Schwab, Ph.D. Moderator</p> | |
| | Two Hour Session 1300 - 1500 | Sarasota | Sun C123 | Tampa | |
| | | <p>Point of Injury and Trauma Simulation (POINTS)</p> <p>Darrin Frye, MPH Moderator</p> | <p>Minimizing the Impact of Wound Infections Following Blast-Related Injuries</p> <p>Susan Taylor, M.S. Moderator</p> | <p>Enhancing Human Performance & Survivability in Extreme Environments</p> <p>Aaron Hall, Ph.D. Moderator</p> | |
| | 1500 - 1530 | Miami | Sanibel | | |
| | | <p>From Bench to Battlefield: Translating Promising Research Into Fielded Capabilities</p> <p>Kathleen Berst, MBA CAPT Joseph V. Cohn, USN Moderators</p> | <p>Case Records of the Joint Trauma System</p> <p>COL Jennifer M. Gurney, USA John Oh, M.D. Moderators</p> | | |
| | 1500 - 1530 | BREAK (Florida D-F) | | | |



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| DAY | TIME | EVENT | | |
|---|---|---|--|--|
| Tuesday, 21 August 2018 (cont.) | Two Hour Session 1530 - 1730 | Sarasota | Sanibel | Tampa |
| | | Healthcare Informatics for Agility/Medical Artificial Intelligence Loretta Schlachta-Fairchild, Ph.D. Moderator | Graduate Medical Education & Military Readiness Michael J. Morris, M.D. Moderator | Precision Medicine in Critical Care for the Injured Warfighter Todd O. McKinley, M.D. Yoram Vodovotz, Ph.D. Moderators |
| | | Miami | Sun C123 | |
| | | Near Term Priorities & Future Needs for DoD Medical Acquisition Programs Kathleen Berst, MBA CAPT Joseph V. Cohn, USN Moderators | Defense Health Program & U.S. Army Research Funding Opportunities Rebecca A. Fisher, Ph.D. Moderator | |
| | 1830 - 2100 | Navy/Marine Corps Breakout Session (Sun A) | | |
| Wednesday, 22 August 2018 | 0700 - 1800 | REGISTRATION (City Hall Lobby) | | |
| | 0630 - 0830 | BREAKFAST (Florida AB) | | |
| | 0800 - 1000 | BREAKOUT SESSIONS | | |
| | Two Hour Session 0800 - 1000 | Sanibel | Miami | Tampa |
| | | Mobile Health Applications in the Medical Theater of Operation Loretta Schlachta-Fairchild, Ph.D. Moderator | Disparities in PTSD Risk Factors & Treatment Access, Usage, & Outcomes. How Can We Improve? Holly Campbell-Rosen, Ph.D. Moderator | Environmental & Occupational Exposures David A. Jackson, Ph.D. Moderator |
| | | Naples | Sun D456 | Sun C123 |
| | | Pre-hospital Evaluation & Care of Moderate/Severe TBI in the Austere Environment COL Jennifer M. Gurney, USA Moderator | Blood Products & Military Blood Banking James Bynum, Ph.D. Moderator | Environmental Blast & Impact Sensors in Training & Brain Health Sustaining Thuvan Piehler, Ph.D. Moderator |
| | 1000 - 1600 (Presenters at Posters from 1000-1200) | Tallahassee | | |
| | | Advances in Treatment for Acute Radiation Syndrome Alan Epstein, M.D. CAPT John Gilstad, USN Moderators | | |
| | | EXHIBITS (Florida D-F) | | |
| 1000 - 1030 | BRFAK (Florida D-F) | | | |
| 1000 - 1600 (Presenters at Posters from 1000-1200) | POSTER SESSION 2 (Florida D-F) | | | |
| | <p>Rehabilitation Rehabilitation Following Limb Trauma and Amputation Rehabilitation Following Service Related Neuromusculoskeletal Injuries Regenerative Rehabilitation Extremity and Craniomaxillofacial Regeneration Skin Regeneration & Scar Mitigation Traumatic Brain Injury Alternative, Non-pharmacological, and Rehabilitation Management of Concussion/Mild TBI Developing Insights into Response to Neurotrauma Sustained by the Warfighter & Development of "Omic" Based Precision Interventions Translating Military TBI Research into Clinical Practice Improving Pre-Clinical Models of TBI Pre-hospital Evaluation and Care of Moderate/Severe TBI in the Austere Environment</p> <p>Blood Translation of Military Lessons in Bystander Bleeding Control to the Civilian Sector: Review and Discussion of Stop the Bleed and Hartford Consensus Initiatives Hemorrhage Control & Resuscitation Blood Products and Military Blood Banking</p> | <p>Research in Prolonged Field Care and Pre-Hospital Tactical Combat Casualty Care Forward Surgical Care: Bringing Surgical Capabilities to the Point of Need Enroute Care Clinical Decision Support, Robotics, & Autonomous Systems Organ Failure Following Trauma: Role of Immune Modulation and Cell-based Therapies Organ Failure Following Trauma: Recent Advances Extracorporeal Life Support Pain Management Military Women's Health Advanced Development From Bench to Battlefield: Translating Promising Research Into Fielded Capabilities Near Term (Fielding within Five Years) Priority DoD Medical Acquisition Programs Manufacturing Innovation</p> | | |



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Agenda

Wednesday, 22 August 2018 (cont.)

| DAY | TIME | EVENT | | |
|---------------------------------|--|---|--|--|
| | 1130 - 1300 | LUNCH (Florida AB) | | |
| | 1300 - 1730 | BREAKOUT SESSIONS | | |
| Two Hour Session 1300 - 1500 | Sanibel | Naples | Sun D456 | |
| | Leveraging Various Serum Repositories for Translational Research in Individual & Population Precision Health CAPT Mark S. Riddle, USN Moderator | Precision Medicine in Physical & Mental Conditioning of the Warfighter Richard R. Chappleau, Ph.D. Moderator | Innovations in PTSD Treatment Research Ronald L. Hoover, Ph.D. Moderator | |
| | Miami | Tampa | Sun C123 | |
| | Does Repeated Blast-Related Trauma Contribute to the Development of Chronic Traumatic Encephalopathy? COL Sidney Hinds, USA Moderator | Ocular Trauma Casualty Management Grand Rounds Robert Mazzoli, M.D. Moderator | Other Transaction Agreements: Accelerating the Transition of Technology into the Hands of the Warfighter James B. Phillips, Ph.D. Moderator | |
| | Tallahassee | Sarasota | | |
| | What's New in Global Health Engagement? Col Rachelle Paul-Kagiri, USAF Moderator | Health, Readiness & Performance System (HRAPS) Alan L. Harner, M.S. MBA Moderator | | |
| | 1500 - 1530 | BREAK (Florida D-F) | | |
| Two Hour Session 1530 - 1730 | Tallahassee | Sanibel | Sun D456 | |
| | What's New in Infectious Disease Research in the Tropics? CAPT David Bacon, USN Farrukh Rizvi, Ph.D. Moderators | Nutritional Optimization of Reset & Recovery Andrew Midzak, Ph.D. Moderator | Suicide In The Military: Surveillance, Prevention, & Intervention Larry Pruitt, Ph.D. Moderator | |
| | Miami | Tampa | Sun C123 | |
| | Managing Physiological Episodes in Military Aviation Darrin Ott, Ph.D. Moderator | Prevention of Musculoskeletal Injury in the Military Richard Shoge, Ph.D. Wayne Matheny, Ph.D. Moderators | Manufacturing Innovation Adrienne Noe, Ph.D. Moderator | |
| | Naples | | | |
| | Integrating 'Omics into the Warrior Care Toolbox of the Military Health System Craig D. Shriver, M.D. Mark Haigney, M.D. Moderators | | | |



MILITARY HEALTH SYSTEM RESEARCH SYMPOSIUM

Agenda

| DAY | TIME | EVENT | |
|---|---|--|---|
| Thursday, 23 August 2018 | 0700 - 1100 | REGISTRATION (City Hall Lobby) | |
| | 0630 - 0830 | BREAKFAST (Florida AB) | |
| | 0800 - 0830 | 2018 AWARD PRESENTATION (Sun C) Kelley A. Brix, M.D. Moderator Young Investigator Awards Poster Awards | |
| | 0830 - 1000 | PLENARY SESSION (Sun C) Thomas J. Walters, Ph.D. Moderator | |
| | 0830 - 0900 | The Death of the Golden Hour & the Return of the Guerilla Hospital: Implications for Prolonged Field Care (Sun C) COL (RET) Warner "Rocky" Farr, USA | |
| | 0900 - 0930 | Non-incremental Innovation for Combat Casualty Care: Manned and Unmanned Evacuation for Polytrauma Treated with Point-of-need Mobile Heparin-free Extracorporeal Life Support (Sun C) Andriy Batchinsky, M.D. U.S. Army Institute of Surgical Research San Antonio, TX | |
| | 0930 - 1000 | BREAK (Osceola Foyer) | |
| | 1000 - 1300 | BREAKOUT SESSIONS | |
| | Three Hour Session 1000 - 1300 | Sun C123 | Research in Prolonged Field Care & Pre-Hospital Tactical Combat Casualty Care Thomas J. Walters, Ph.D. Kathy Ryan, Ph.D. Moderators |
| | | Miami | The Future of Medical Simulation in the Continuum of Care Darrin Frye, MPH Moderator |
| | Two Hour Session 1000 - 1200 | Sanibel | Individual Environmental & Occupational Exposure Monitoring Solutions for Service Members David A. Jackson, Ph.D. Moderator |
| | | Naples | Improving Pre-Clinical Models of TBI Nsini Umoh, Ph.D. Moderator |
| | Skin Regeneration & Scar Mitigation Lloyd Rose, Ph.D. Robert Christy, Ph.D. Moderators | Tampa | Skin Regeneration & Scar Mitigation Lloyd Rose, Ph.D. Robert Christy, Ph.D. Moderators |
| | | Tallahassee | Military Women's Health Lt Col Dawnkimberly Hopkins, USAF, NC LTC Leilani Siaki, USA Moderators |
| Regulatory Session with the FDA & DoD Jean Hu-Primmer, M.S. Moderator | Sun D456 | Regulatory Session with the FDA & DoD Jean Hu-Primmer, M.S. Moderator | |
| | 1100 - 1330 | LUNCH (Florida AB) | |
| 1330 | End of Symposium | | |

