# Welcome

## Acknowledgements

- Dr. Thomas Russell Deputy Assistant Secretary of the Army (Research and Technology) and Army Chief Scientist
- Members of the National Academy Board on Army Research and Development
- Members of the Planning Committee for the Army Combat Trauma Care in 2035
- National Academy Staff
- Most of All the military and members of other organizations both government and civilian that have dedicated their efforts to insure that those who are wounded receive the best care possible

#### Board on Army Research and Development

### Army Combat Trauma Care in 2035: A Workshop

When: November 18-20, 2019

Where: DoubleTree San Antonio Downtown

502 West Cesar E. Chavez Blvd.

San Antonio, TX 78207

The workshop will be live streamed and limited seating is open to the public. Individuals planning to attend in person are strongly encouraged to register for the meeting using the following link: <a href="https://combattrauma.eventbrite.com">https://combattrauma.eventbrite.com</a>

To view the webcast, a link will be posted to the <u>BOARD webpage</u> the day of the meeting.

<u>Overall Objective</u>: From a medical and physiological perspective, maximize the probability that the warfighter can accomplish the mission and, if injured, can both survive and return to function as soon as possible.

<u>Background:</u> Building on the 2016 National Academies report "A National Trauma Care System: Integrating Military and Civilian Trauma Systems to Achieve Zero Preventable Deaths After Injury", we will explore how to better accelerate the adoption of emerging medical advancements to improve outcomes for Soldiers in 2035 and beyond. The workshop planning committee, led by co-chairs Dr. Jim Bagian and Dr. Joan Bienvenue will host a 3-day workshop with leading medical professionals and researchers from the Army S&T community to focus on three framing topics:

- 1. What is the state of art and forecast to future the developments in bio-engineering and how can it provide for returning Soldiers to the fight quicker?
- 2. What areas of Tactical Combat Care in the Army can we improve now?
- 3. Explore the future of medically related threats, risks, and status of preparedness.

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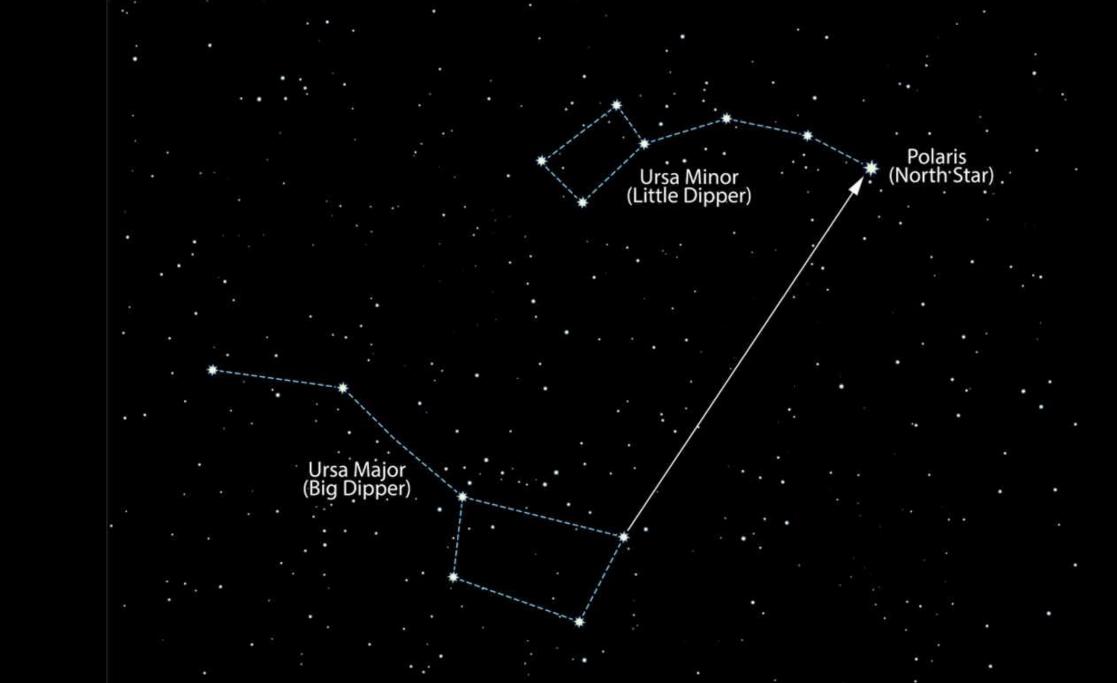
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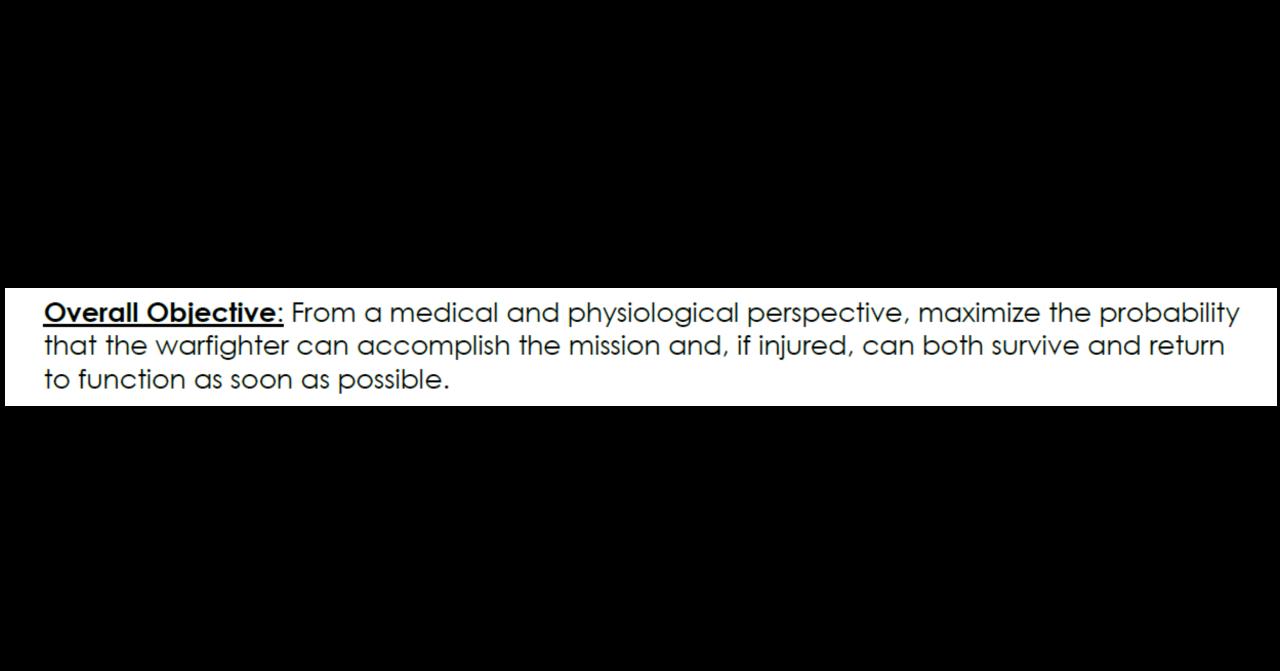
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# Speaker Format

- Speakers have been asked to:
  - Status describe the current situation regarding topic so that it provides appropriate context to support the elements in gap analysis and potential opportunities that would enhance the achievement of the goal of improved combat injury associated care
  - Gap Analysis describe the gaps, needs, or vulnerabilities that stand in the way of achieving the Overall Objective
  - Potential Opportunities for Improvement in the following time periods: near/immediate, 5 year, 15 year horizon for ops environments that include operational environments such as OEF/OIF type environment, peer/near peer/contested environment, and high volume casualty situation

### Administrative Rules of Engagement

- The National Academy is convening this as a Workshop
  - Only those statements made in Workshop will be used in preparation of the Report in Brief that the Academy will publish
- Agenda appears in Meeting Book (posted online)
- Speakers will not take questions or engage in group discussion at the time of their presentation
- During Panels or as appropriate questions/comments via email submitted to theboard@nas.edu or by written paper submission in the conference room will be considered for discussion as time and circumstances permit
- Time is extremely limited and the moderators will enforce the agenda