

**National Modeling & Simulation Coalition  
2018 National Meeting  
DRAFT AGENDA**

**Theme:** *Improving Human Performance and Effectiveness  
The Role of Modeling, Simulation, & Visualization (MS&V) in Healthcare*

**Host:** University of Nebraska Medical Center (UNMC), iEXCEL, Omaha, NE

**Co-Host:** National Strategic Research Institute (NSRI)

**Attendance:** Anticipate 200-250 (including UNMC / Nebraska Medicine / NSRI / Univ. of Nebraska (UNO) faculty, staff, and students)

**Presentations, Panels, & Agenda Timeline:**

- 1. Human Performance & Effectiveness: MS&V - Training to Competence**  
**Dr. Winston 'Wink' Bennett, Wright Patterson Air Force Base (WPAFB)**
  - Medical Mission Essential Competencies (Dr. Kratochvil, UNMC/Mr. Stobbe, iEXCEL)
  - Skill Decay / Resilience / Fatigue (TBD)
  - Measuring & Analyzing Data (WPAFB/TBD)
  - Human Performance Related to Situational Awareness (Dr. Doug Derrick, UNO)
  
- 2. Developing the Future Workforce for MS&V**  
**Mr. Mats Johansson, EON Reality**
  - Impact on Economic Development / STEAM Education (TBD)
  - Remote & Distributed Learning (Mr. Todd Saylor, USSTRATCOM)
  - Workforce Development in MS&V (Mr. Waymon Armstrong, ECS)
  
- 3. MS&V for Predictive Leadership and Decision-Making**  
**Ms. Marisa Fish, U.S. Strategic Command (USSTRATCOM)**
  - Turning Big Data into Visualization (Dr. T. Hank Robinson, UNO)
  - Mind & Brain Health (Dr. Matthew Rizzo, UNMC)
  - Translating & Integrating MS&V Results (Mr. Al Tarrell, USSTRATCOM)
  - Summaries & Dashboards (Mr. Mac Capello, USSTRATCOM)
  - Translating M&S Results into Summaries and Visualizations for Senior Leaders (Mr. Bruce Kostal, USSTRATCOM)
  
- 4. MS&V: The Future is Here**  
**Dr. Walter Greenleaf, Stanford University**
  - Surgery of the Future (Dr. Shane Farritor, UNL)
  - Collaborative MS&V Models: (Dr. John Vozenilek, Jump Simulation)
  - Medical Applications (Dr. Marge Zielke, UT-Dallas)
  - Impact on Health Care (Dr. Michael Ash, NM - invited)

## National Modeling & Simulation Coalition 2018 National Meeting DRAFT AGENDA (continued)

### Tuesday, 25 September

0715 – 0815	<b>Registration, Continental Breakfast &amp; Visit Exhibits</b>
0815 – 0830	<b>NM&amp;SC Opening Remarks</b> Mr. Richard Severinghaus, Chair, NM&SC Policy Committee RADM James Robb, President, National Training and Simulation Association (NTSA)
0830 – 0845	<b>Setting the Stage: MS&amp;V in Healthcare and Education</b> Dr. Pamela Boyers, Vice Chancellor, Interprofessional Experiential Center for Enduring Learning (iEXCEL), UNMC Robert Hinson, USAF, Lt Gen (Ret), Executive Director, NSRI
0845 – 0930	<b>Keynote Address and Discussion: “Human Performance &amp; Human Systems Engineering”</b> Mr. Daniel Serfaty, President/CEO, Aptima
0930 – 1000	<b>Break – Networking, Visit Exhibits &amp; Experience iEXCEL Viz Hub / SIM-NE</b>
1000 – 1115	<b>Presentation/Panel (#1): “Human Performance &amp; Effectiveness: MS&amp;V - Training to Competence”</b> Dr. Winston ‘Wink’ Bennett, WPAFB
1115 – 1130	<b>Break – Networking &amp; Visit Exhibits</b>
1130 – 1200	<b>Healthcare Perspective: Role of MS&amp;V in Transforming Health Care</b> Dr. Jeffrey Gold, Chancellor, UNMC
1200 – 1330	<b>Lunch &amp; Visit Exhibits</b>
1330 – 1415	<b>Keynote Address and Discussion: Adopting MS&amp;V to Improve Human Performance &amp; Effectiveness</b> Dr. Robert Amyot, President, CAE Healthcare
1415 – 1445	<b>Break – Networking, Visit Exhibits &amp; Experience iEXCEL Viz Hub / SIM-NE</b>
1445 – 1600	<b>Presentation/Panel (#2): “Developing the Future Workforce for MS&amp;V”</b> Mr. Mats Johansson, President, EON Reality
1600 – 1615	<b>Summary</b>
1615	<b>Depart</b>
1815 – 2015	<b>NM&amp;SC Reception - KANEKO Reality Exhibition</b> Welcome: Dr. Jeffrey Gold, Chancellor UNMC/UNO

### Wednesday, 26 September

0730– 0830	<b>Registration &amp; Continental Breakfast, Visit Exhibits</b>
0830 – 0845	<b>NM&amp;SC - Forging Ahead</b> A. Plans and Activities (Mr. Richard Severinghaus) B. 2019 National Meeting – Focus (NM&SC Policy Committee & 2019 Meeting Chair) C. Congressional M&S Caucus Support (Mr. Richard Severinghaus)
0845 – 0900	<b>“iEXCEL: Introducing the Davis Global Center”</b> (Video) Dr. Pamela Boyers, Vice Chancellor, iEXCEL
0900 – 1015	<b>Presentation/Panel (#3): “MS&amp;V for Predictive Leadership and Decision-Making”</b> Ms. Marisa Fish, USSTRATCOM
1015 – 1030	<b>Break – Networking &amp; Visit Exhibits</b>
1030 – 1145	<b>Presentation/Panel (#4): “MS&amp;V: The Future is Here”</b> Dr. Walter Greenleaf, Stanford University
1145 – 1200	<b>Closing Remarks</b> Mr. Richard Severinghaus, Chair, NM&SC Policy Committee RADM James Robb, President of NTSA
1200	<b>Depart</b>