

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

**Theme:** *Improving Human Performance and Effectiveness*

**Host:** University of Nebraska Medical Center (UNMC) - iEXCEL

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

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

**Presentation / Panels:**

**1. Human Performance & Effectiveness: MS&V - Training to Competence**

**Dr. Winston 'Wink' Bennett, WPAFB**

- Medical Mission Essential Competencies (Dr. Kratochvil, UNMC/Mr. Stobbe, iEXCEL)
- Skill Decay / Resilience / Fatigue, etc. (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, 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><br>Mr. Rick Severinghaus, Chair, NM&SC Policy Committee<br>RADM James Robb, President of NTSA                                      |
| 0830 – 0845 | <b>Setting the Stage: MS&amp;V in Healthcare and Education</b><br>Dr. Pamela Boyers, Vice Chancellor, iEXCEL<br>Gen. (Ret.) Robert Hinson, Executive Director, NSRI |
| 0845 – 0930 | <b>Keynote Address and Discussion: “Human Performance &amp; Human Systems Engineering”</b><br>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><br>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><br>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><br>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><br>Mr. Mats Johansson, President, EON Reality  |
| 1600 – 1615 | <b>Summary</b>  |
| 1615        | <b>Depart</b>   |
| 1815 – 2015 | <b>NM&amp;SC Reception - KANEKO</b><br>Welcome: Dr. Jeffrey Gold, Chancellor UNMC/UNO   |

### Wednesday, 26 September

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