

Warrior Resilience Program Briefs

Quantico Corporate Center

800 Corporate Drive, Suite 101

Stafford County, VA 22554

Start	End	Time	Monday, October 3rd
12:00	12:30	30	Registration
12:30	12:55	25	Dr. Peter Squire, ONR
			Assess Projects
12:55	13:25	30	<ul style="list-style-type: none"> • Malum Terminus: A USMC Simulation System for Injury Avoidance Dr. Karim Abdel-Malek, University of Iowa • FitRisk LT Melissa Laird, Naval Health Research Center • Medical Informatics Decision Assistance and Support (MIDAS) Dr. Alper Caglayan, Milcord & Dr. Tim Clark
13:25	13:35	10	Break
13:35	14:20	45	Posters/videos/demos
14:20	14:35	15	Session wrap up and discussion
			Sense Projects (Group 1)
14:35	15:25	50	<ul style="list-style-type: none"> • Automated Functional Movement Screening (FMS) Mr. Alex Field, NSWC Dahlgren Division • Body Worn Sensors for Monitoring Warrior Physical and Mental State Mr. Mike Elconin, Cognionics • STARwatch Dr. Daniel Mollicone, Pulsar Informatics • 24/7 Combat Fitness Dr. Josh Hagen, Air Force Research Lab, & Mr. Richard Schaffer, Lockheed • Self-Contained Performance Monitors Mr. Tracy McSheery, Phase Space
15:25	15:35	10	Break
15:35	16:35	60	Posters/videos/demos
16:35	16:50	15	Session wrap up and discussion

Join us afterwards at The Globe and Laurel!

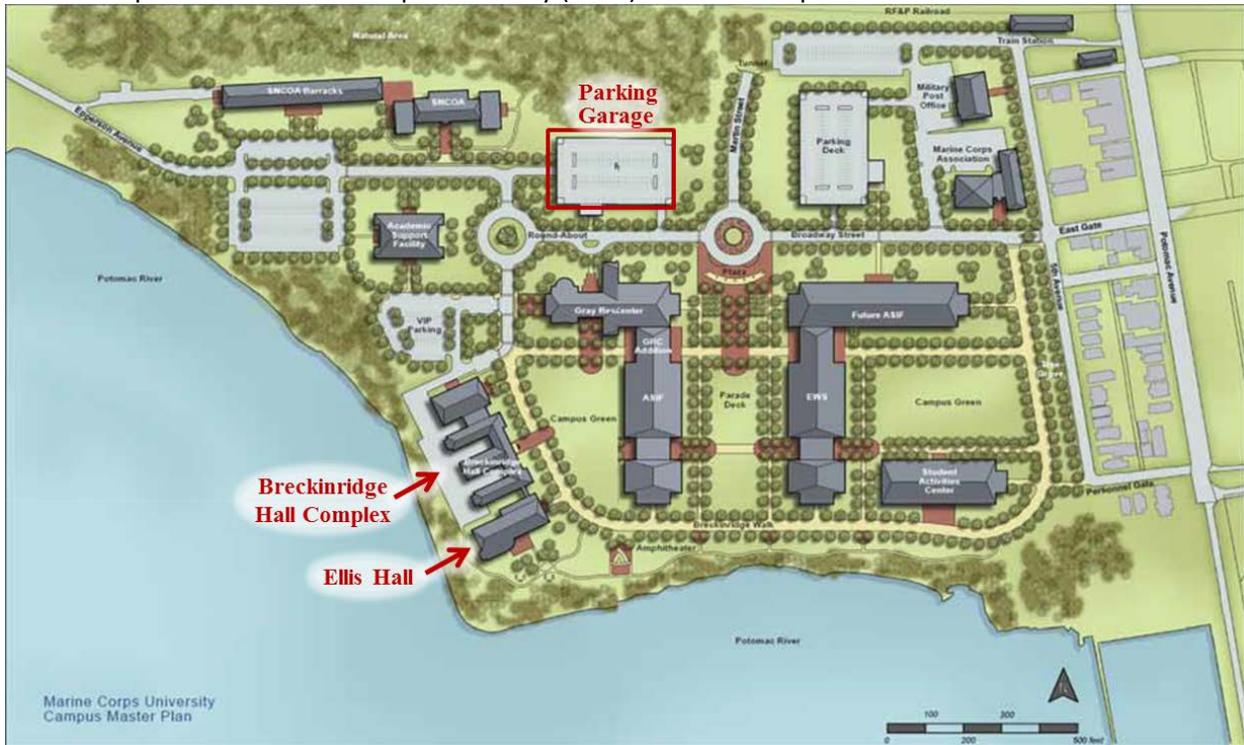
3987 Jefferson Davis Hwy, Stafford, VA 22554

Start	End	Time	Tuesday, October 4th
8:30	9:00	30	Registration and Coffee
9:00	9:15	15	Dr. Peter Squire, ONR
9:15	10:15	60	Address Projects
			<ul style="list-style-type: none"> • Individualized Fatigue Countermeasure Training Tool Dr. Daniel Mollicone, Pulsar Informatics • Optimal Training Intervals for Marine Corps Martial Arts Program Dr. Phillip Vardiman, University of Kansas • Aid-Medic Dr. Gershon Weltman, Perceptronics, Inc. • Wounded Warriors STEM Outreach Dr. Dwight Carr, John Hopkins University (JHU) Applied Physics Lab (APL) • Post-Stress Glucose and Resilience to Trauma Dr. Thomas Minor, UCLA • Strengthening Health & Improving Emotional Defenses (SHIELD) Dr. James Niehaus, Charles River Analytics
			Break
			Posters/videos/demos
			Session wrap up and discussion
			Lunch
13:15	14:05	50	Sense Projects (Group 2)
			<ul style="list-style-type: none"> • Markerless Motion Capture Dr. Hao Li, University of Southern California • Rapid Assessment of Mind and Body Optimization (RAMBO) Performance LT Melissa Laird, Naval Health Research Center • Glymphatic Modulation Dr. Chuck Czeisler, Harvard University • Mitigation of Heat Strain Through the USMC Training Continuum Dr. Brent Ruby, University of Montana • Precision High Intensity Training through Epigenetics (PHITE) Dr. Tim Broderick, Wright State University
			Break
			Posters/videos/demos
			Session wrap up and discussion
			Warrior Resilience Review Wrap Up, Dr. Peter Squire, ONR

HPT&E Technical Review | 05 October
Special Event at Quantico: 0900-1200

Ellis Hall
2048 South Street
Quantico, VA 22134

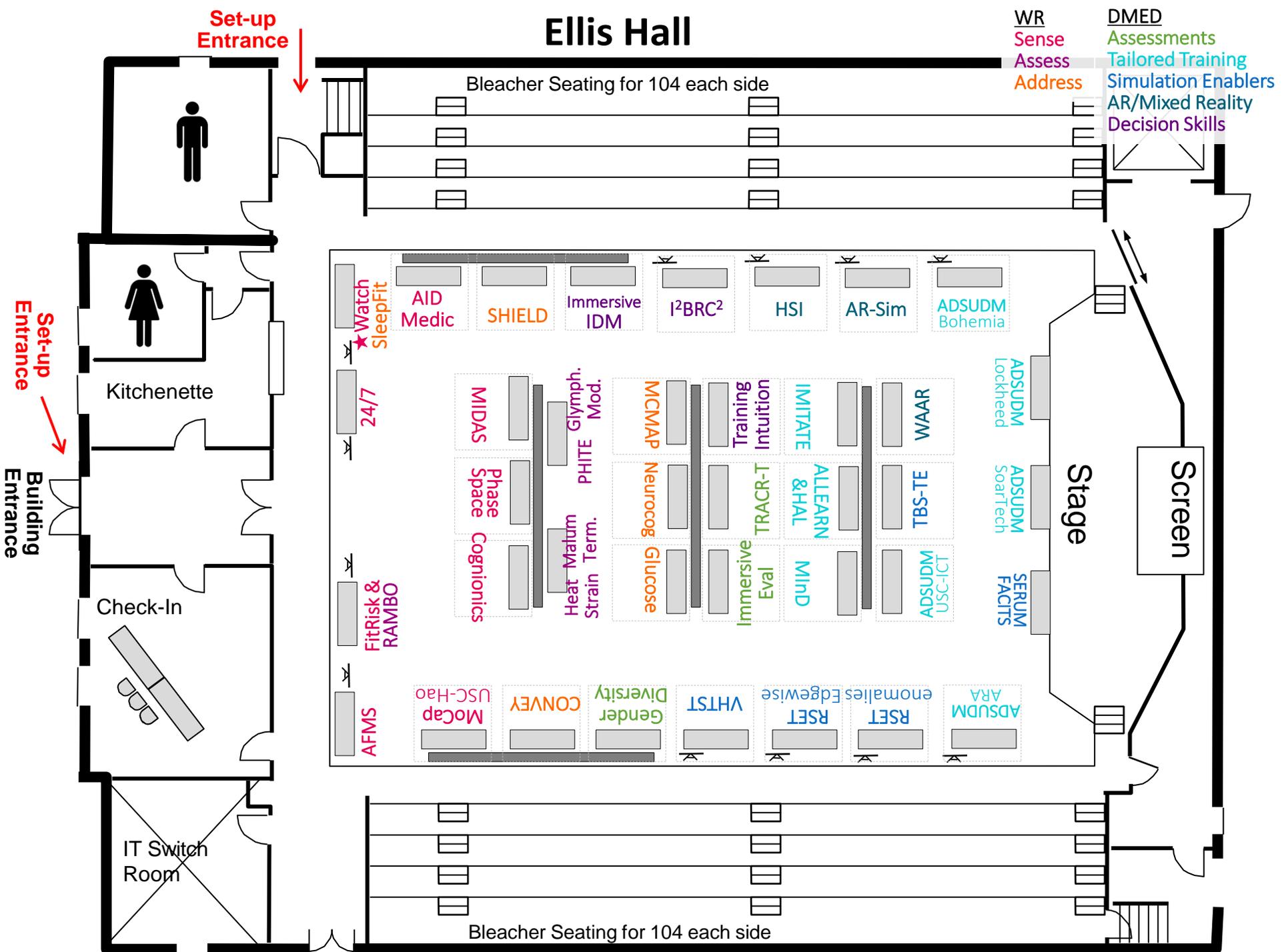
Ellis Hall is part of the Marine Corps University (MCU) facilities complex.



Parking: All parking around Ellis Hall and the MCU complex is for designated use only. General parking is available in the Gray Research Center parking lot or the MCU overflow lot at the corner of Broadway and Martin Streets.

Ellis Hall

- WR Sense Assess Address
- DMED Assessments
- Tailored Training
- Simulation Enablers
- AR/Mixed Reality
- Decision Skills



Decision Making and Expertise Development Program Briefs

Quantico Corporate Center
 800 Corporate Drive, Suite 101
 Stafford County, VA 22554

Start	End	Time	Thursday, October 6th
8:30	9:00	30	Registration and Coffee
9:00	9:30	30	Dr. Peter Squire, ONR
9:30	10:30	60	Training and Education Projects: Quality
			<ul style="list-style-type: none"> • Master Instructor Development (MIND) Ms. Jennifer Phillips, Cognitive Performance Group • Higher Automated Learning (HAL) Dr. Alan Carlin, Aptima • Accelerating the Development of Small Unit Decision Making (ADSUDM) Mr. Richard Schaffer, Lockheed Martin & Dr. Brian Stensrud, Soar Technology • Adaptive Training Tech for Language and Culture (ALLEARN) Dr. Alan Carlin, Aptima • Interactive Military Instructor Training and Assessment Tech (IMITATE) Dr. Gwen Campbell, Design Interactive • Neurocognitive Patterns Dr. Danny Ward, Aptima
			Break
			Posters/videos/demos
			Session wrap up and discussion
			Lunch
13:10	14:10	60	Assessments and Decision Making Projects
			<ul style="list-style-type: none"> • Training Intuition Dr. Lisa Lucia, Aptima • Intuitive Decision Making Through Implicit Learning Dr. Paul Reber, Northwestern University • Gender Diversity in Traditionally Male-Dominated Teams Dr. John Hollenbeck, Michigan State University • Immersive Approach to Intuitive Decision Making Dr. TJ Goan, Stottler Henke Associates • Tool for Rapid Assessment of Cognitive Readiness in Teams Dr. Camilla Knott, Aptima • Evaluation of Immersive Training Environments Dr. Patrick McKnight, George Mason University
			Break
			Posters/videos/demos
			Session wrap up and discussion
14:10	14:20	10	Break
14:20	15:20	60	Posters/videos/demos
15:20	15:30	10	Session wrap up and discussion

Join us afterwards at The Globe and Laurel!
 3987 Jefferson Davis Hwy, Stafford, VA 22554

Start	End	Time	Friday, October 7th
8:30	8:45	15	Registration and Coffee
8:45	9:00	15	Dr. Peter Squire, ONR
9:00	9:40	40	Training and Education Projects: Quantity (Group 1)
			• The Basic School Technology Evaluation Mr. Richard Schaffer, Lockheed Martin
			• Simulated Training Exercises w/ Robust Unmanned Models (SERUM) Dr. Brian Stensrud, Soar Technology
			• Virtual Human Terrain Scenario Training Mr. David Hockenberry & Nancy D'Aniello, Concurrent Technologies
			• Fast Authoring of Content for Intelligent Tutoring Systems (FACITS) Dr. Brian Stensrud, Soar Technology
9:40	9:50	10	Break
9:50	10:40	50	Posters/videos/demos
10:40	11:30	50	Training and Education Projects: Quantity (Group 2)
			• Wide Area Augmented Reality Mr. Richard Schaffer, Lockheed Martin & Mr. Teddy Kumar, SRI
			• Rapid Synthetic Environment Mr. Chuck Campbell, Edgewise Technologies
			• Rapid Synthetic Environment Mr. Bill Gregory, Enomalies
			• Human-Surrogate Interaction Dr. Greg Welch, University of Central Florida
			• Augmented Reality Simulation for Design & Evaluation of Training Capabilities Dr. Tobias Höllerer, University of California Santa Barbara
11:30	11:40	10	Break
11:40	12:20	40	Posters/videos/demos
12:20	12:35	15	DMED Review Wrap-Up, Dr. Peter Squire, ONR