SIMULATION & GAME INSTITUTE (SGI)
APPLIED RESEARCH & ECONOMIC DEVELOPMENT CENTER
MASON’S FIRST ACADEMIC FUSION CENTER

In Partnership with: Mason Enterprise Center, Research & Economic Development, and all the Academic Units at Mason

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Manassas, VA 20110
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SGI History

- Signed an MOU with the Serious Games Institute at the University of Coventry, UK to establish the first SGI in the U.S. July 2013.

- Partnered with Mason Enterprise Center for repurposing of Bull Run Hall RM 147, PW Campus for Economic Development.

- Recognized by the Commonwealth Legislature in 2013 as a ModSimGame State Asset, and received a reoccurring appropriation: Mason’s First Direct Research Funding from the Commonwealth Legislature.
SGI Mission

To support translational applied-research in the areas of Simulation, Modeling, and Game Design, rapid prototype development, high-value knowledge job creation, and regional economic development through start-up incubation, spin out company formation, licensing, and commercialization.

‘Center of Excellence’
A national coalition of commercial and entertainment technology companies, in coordination with NTSA, M&SCO, CMSC, and established Defense/Government Contractors, **The National Simulation and Game Training Lab** will assist DOD Agencies and Departments to use off-the-shelf commercial/entertainment software and hardware to develop simulation and game training solutions to meet mandatory training requirements. ‘One stop shop’ for inexpensive simulation and game training solutions.
Current SGI Partnerships (non-government):

**Commercial Company Partners**
- Unreal Engine @ Epic Games
- Bethesda Softworks, Bethesda, MD
- Google, Mountain View, CA
- Performance HQ, Inc, CA
- Microsoft Studios, Redmond, WA
- EA/Mythic Entertainment, Fairfax, VA
- Dell/Alienware, Round Rock, TX
- leaseweb, VA
- Zaah Technologies, NY

**Contractor Partners**
- Intelligence Decisions, VA
- Agilex, VA
- NTT Data, VA
- Thermopylea Science & Tech., VA
- InfoReliance, VA
- Serious Games Interactive, VA
- Carney Labs, VA
- Smart GeoMetrics, VA
- Veedims, FL
SGI Applied-Research Summary

- Develop Games and Simulation Solutions for Regional Companies and Agencies
  - Fairfax Fire and Rescue Command Training (IVIS)
  - Risk Management Solutions (RMS Inc)
  - IARPA Intelligence Analyst Training
  - GE/NFL mTBI Diagnostic Solution

- Mobile Game Solutions
  - AGs Office- Gang Education Apps
  - The Century Council, D.C.
  - NIJ Rehabilitation/Parolee App
  - T2 Next Gen PTSD/TBI Management Mobile Game
  - U.S. State Department Counterterrorism
SGI represents a new paradigm in academic research and education partnered with commercial corporations and government agencies to support translational applied research in the areas of Simulation, Modeling, and Game Design, rapid prototyping, job creation, and regional economic development.

Founded at Mason as one of four in the world, SGI offers PWC and the Commonwealth cutting edge applied research and development, business development support, and new company incubation all in one location at Mason.