Ed Dieterle, EdD

Researcher, Center for Technology in Learning

Center for Technology in Learning

- *Social scientists* that specialize in assessments, evaluations, learning sciences, and learning environments

Information and Computing Science Laboratories

- *Computer scientists and engineers* that specialize in audio and chat analysis, advanced human-machine interactions, and finding patterns in extremely large datasets

Augmenting Human Capability

Application of Evidence-Centered Design to State Large-Scale Science Assessment

Applying a principled assessment design for inquiry to develop large-scale assessments

Combines developments in cognitive psychology with advances in measurement theory and technology

Evaluation of the Multi-player Online Virtual Exercise

Evaluating the strengths and limitations of the Army's initial Persistent Learning Capability

V&V, formative and summative evaluation, and cost analysis

Augmenting Human Capability

Evaluation of "Astronaut: Moon, Mars, and Beyond"

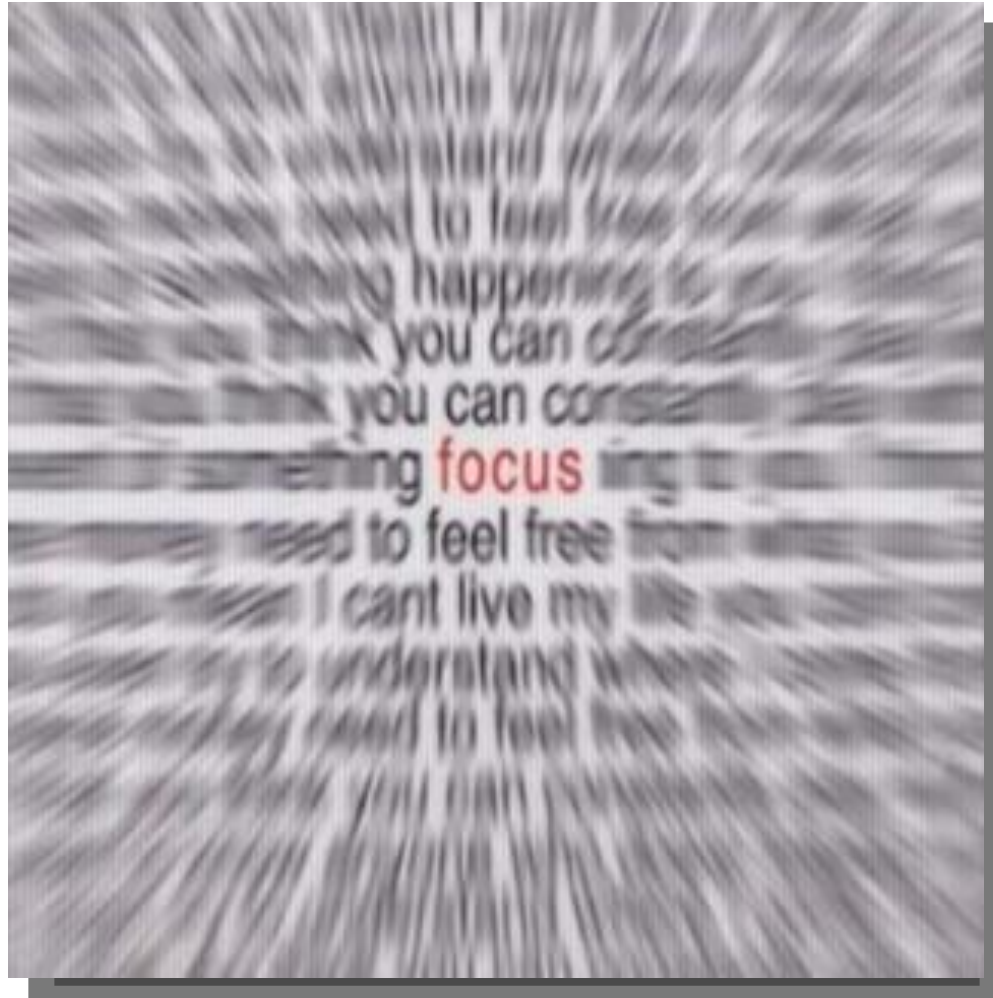Evaluating the public-private partnership created to develop the game

Assessing gameplay to improve learning outcomes and playability

Virtual Environment, Real User Study

Investigating what can be learned about a person from his or her activities and behaviors in virtual worlds

International study utilizing the capabilities of SRI and three partnering research universities

Making the Familiar Strange Through a Productive Disequilibrium

Contact Information

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